

## OER by Discipline Guide: University of Calgary

# OER by Discipline Guide: University of Calgary

*Version 1.5*

*EDITED BY RAMINA MUKUNDAN AND SARAH ADAMS*

*SAVANNAH SILLITO*

UNIVERSITY OF CALGARY  
CALGARY



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# Copyright Information

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Edited by Sarah Adams, Open Education Librarian, and Ramina Mukundan, Open Education & OER Student Librarian, within University of Calgary's Libraries and Cultural Resources

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The general structure of this guide was first cloned from the OER by Discipline Guide: University of Manitoba, edited by the University of Manitoba with contributors Janice Winkler, Nicole Askin, Ashley Huot, Asako Yoshida, Katrin Nielsdottir, and Kyle Feenstra under a CC BY 4.0 Licence via Campus Manitoba PressbooksEDU Network. The UManitoba Guide was based on similar guides created by McMaster University, created by Joanne Kehoe and Olga Perkovic, and the University of Ottawa, created by Mélanie Brunet. Both of these guides were adapted from the OER by Discipline Directory by BCcampus Open Education under a CC BY 4.0 Licence. Some additional content from these guides and the updated University of Ottawa guide (version 2.0) by Mélanie Brunet and Catherine Lachaine was also incorporated into the UCalgary guide.

# Acknowledgements

We would like to acknowledge the work by other institutions on similar OER *by Discipline* guides. This guide was adapted from a similar guide the University of Manitoba's OER *by Discipline Guide*, created by the UManitoba Libraries OER Committee comprised of contributors Janice Winkler, Nicole Askin, Ashley Huot, Asako Yoshida, Kyle Feenstra, and Katrin Nielsdottir. This adapted guide by the members of the OER Support Team at UCalgary's Libraries and Cultural Resources has reorganized the content to reflect the structure of the University of Calgary, and incorporated additional resources and content from other similar Canadian guides including BCcampus, edited by Lauri M. Aesoph and Josie Gray, McMaster University, created by Joanne Kehoe and Olga Perkovic, University of Ottawa version 1.0, created by Mélanie Brunet, and University of Ottawa version 2.0, created by Mélanie Brunet and Catherine Lachaine. Thanks to their work and decision to share these guides under a Creative Commons Attribution 4.0 International (CC BY 4.0) Licence, this has allowed us to adapt them to suit our own institution.

Co-editor on this guide is Ramina Mukundan, Open Education & OER Student Librarian for Summer 2022. This position within Libraries and Cultural Resources is thanks to the generous support of the University of Calgary's Students' Union and their Quality Money program.

We would also like to acknowledge the support of the University of Alberta Library in the production of this book and partnership with the Open Education Alberta publishing service.



# About This Guide

Welcome to the University of Calgary's *OER by Discipline Guide*. This resource lists a broad range of open educational resources (OER) organized according to the academic faculties and departments at the University of Calgary and where applicable, programs and subjects. The goal of this guide is to curate and organize quality OER so that faculty at UCalgary can easily find and source materials for their subject areas and courses. The guide will not remain static, instead it will continue to be populated and revised as new open educational resources are published, evaluated, and adopted.

The advantages and benefits that Open Educational Resources (OER) present for learners and educators addresses inequities around affordability, access, learner retention and diversity, and offers opportunities for creating, co-creating, and re-mixing content to suit teaching and learning needs. One of the barriers identified in faculty adoption and use of OER involves the time it takes to find suitable materials in their discipline.<sup>1</sup>

To help alleviate some of the time and effort involved in finding OER to match the needs of educators at the University of Calgary, we have developed this guide to provide a targeted list of open educational resources organized by faculty, department, and sub-department or subject if applicable. The Open Educational Resources listed primarily consist of peer-reviewed, open textbooks and other open educational resource types. We have also included some Open Access materials, including journal articles and books, within this guide. Open Access materials with Creative Commons NoDerivatives (ND) licensing are different from OER as their licensing does not allow for remixing or adaptation as OERs do, however, they are free and open for use and access within course materials lists. We hope that this guide will serve as a helpful resource for faculty and other teaching staff with their selection of course materials and other educational needs.

If the OER listed in this guide do not suit your course and/or do not fulfill all your course material needs, Libraries and Cultural Resources also has the Open Course Materials Matching Service (OCoMMS) where library staff with search for other relevant open educational resources that may be available for your course and provide you with a list of curated materials based on your course outline and needs. You can access the Open Course Materials Matching Service (OCoMMS) Guide find out more about this service and to place a request through the OCoMMS Search Request Form.

## Purpose of This Guide

This guide was developed to highlight quality open educational resources organized according to UCalgary's institutional structure so that faculty, course coordinators, and other teaching staff can easily locate resources in their disciplines or subject areas.

We invite you to let us know if you discover a valuable OER in or related to your discipline that has not been included on the relevant department page. Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca) to let us know.

We hope that faculty and instructors find this guide helpful as they consider the options available for quality, open educational resources to adopt into their courses.

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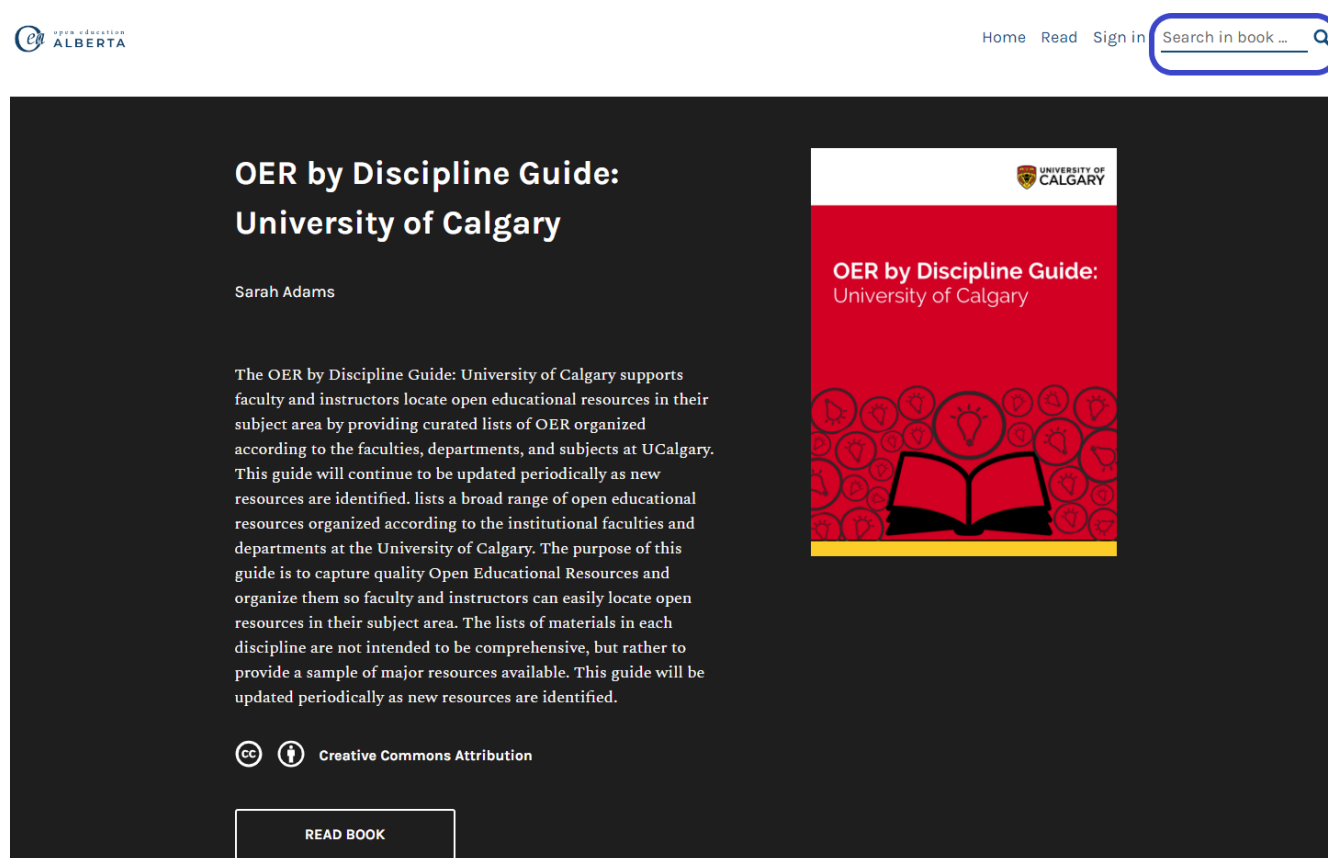
1. eCampusOntario (2018). Awareness and use of open educational resources (OER) in Ontario: A preliminary study of post-secondary educator perspectives [Research report].

## Note about YouTube Videos

Please note that most YouTube videos have a standard YouTube license, which means they are free to watch but can't be downloaded or edited, however some videos which have Creative Commons licenses do have these permissions. To check a video's license, look in the video description; if no license is listed then it has the default YouTube license; if it says "License: Creative Commons" then follow the conditions of the applied CC Licence.

# Navigating this Guide

To locate suggested OER, you may browse the table of contents organized according to faculty, department, and program or subject where applicable. You can also use the search box located in the top-right corner of each page in this guide to search for a specific subject or open educational resource (pictured below). It will return a list of all chapters that include that subject or term, which you can access through the link within the chapter title. To locate specific instances of a term or subject from within a department chapter, select the chapter and use the search (or “Find”) function within your browser.



OER by Discipline Guide: UCalgary Homepage (<https://openeducationalberta.ca/oerguideucalgary/>)



You will find the Table of Contents of this guide in two locations.

The first is on this guide's main page below the guide's title and description viewable by scrolling down to the “Contents” listings (pictured below).

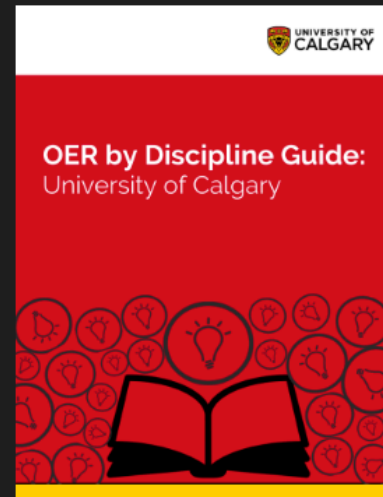
# OER by Discipline Guide: University of Calgary

Sarah Adams

The OER by Discipline Guide: University of Calgary supports faculty and instructors locate open educational resources in their subject area by providing curated lists of OER organized according to the faculties, departments, and subjects at UCalgary. This guide will continue to be updated periodically as new resources are identified. lists a broad range of open educational resources organized according to the institutional faculties and departments at the University of Calgary. The purpose of this guide is to capture quality Open Educational Resources and organize them so faculty and instructors can easily locate open resources in their subject area. The lists of materials in each discipline are not intended to be comprehensive, but rather to provide a sample of major resources available. This guide will be updated periodically as new resources are identified.

  Creative Commons Attribution

READ BOOK



## CONTENTS

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Second, you can view the Table of Contents when you are within the guide by selecting the black “Contents” box located in the upper left-hand portion of the title banner. This will open the Table of Contents along the left-side of your screen where you can navigate to different chapters and chapter headings by selecting the hyperlinked title (pictured below). To close the Table of Contents sidebar, click on the black “Contents” box again.

The screenshot shows the 'OER BY DISCIPLINE GUIDE: UNIVERSITY OF CALGARY' website. On the left is a 'CONTENTS' sidebar with a list of links, each with a plus icon to its right. The links include 'Copyright Information', 'Table of Contents', 'About This Guide', 'Navigating this Guide', 'The What and Why of OER', and various academic faculties and schools such as 'Cumming School of Medicine', 'Faculty of Arts', 'Faculty of Kinesiology', 'Faculty of Law', 'Faculty of Nursing', 'Faculty of Science', 'Faculty of Social Work', 'Faculty of Veterinary Medicine', 'Haskayne School of Business', 'School of Architecture, Planning and Landscape', 'Schulich School of Engineering', 'Werklund School of Education', and 'Continuing Education'. The main content area on the right is titled 'About This Guide' and contains two paragraphs of text. The first paragraph welcomes users to the guide, explaining it is a support resource for open educational resources (OER) organized by academic faculties. The second paragraph describes the guide's origin, noting it was adapted from a similar guide at the University of Manitoba and created by a committee of contributors at the University of Calgary. A third paragraph, partially visible at the bottom, discusses the advantages of OER for learners and educators.

OER by Discipline Guide: UCalgary Table of Contents Left-Hand Side Panel

To navigate through the guide, you can use either the Table of Contents or the navigation bar located at the bottom of your browser screen while you are “reading” the guide.

## Navigating this Guide

To locate suggested OER, you may browse the table of contents organized according to faculty, department, and program or subject where applicable. You can also use the search box located in the top-right of each page in the online version of this guide to search for a specific subject or open educational resource. It will return a list of all chapters that include that subject or term, which you can access through the link within the chapter title.





# The What and Why of OER

## Page Sections

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What are Open Educational Resources (OER)?

What can be done with OER? The 5R's of Open

Benefits of Open Educational Resources (OER)

What are Creative Commons (CC) Licenses?

Other Open Licenses

## What are Open Educational Resources (OER)?

### **OER = Be Free + Be Openly Licensed + Fulfill the 5R's of Open**

#### **Open Educational Resources (OER) are...**

Learning, teaching and research materials in any format and medium that reside in the public domain or are under copyright that have been released under an open license, that permit no-cost access, re-use, re-purpose, adaptation and redistribution by others (UNESCO, 2021).

They range from textbooks to entire courses and everything in between, including videos, podcasts, tests, exercises, websites, software, simulations, case studies, presentations slides, and more. The key is that they can be widely distributed and adapted because they are at no cost to the user and are not subject to the usual copyright restrictions because the copyright holder has applied an open licence giving advanced permissions for their resource. This openness is most often indicated by a Creative Commons Licence.

## What can be done with OER? The 5R's of Open

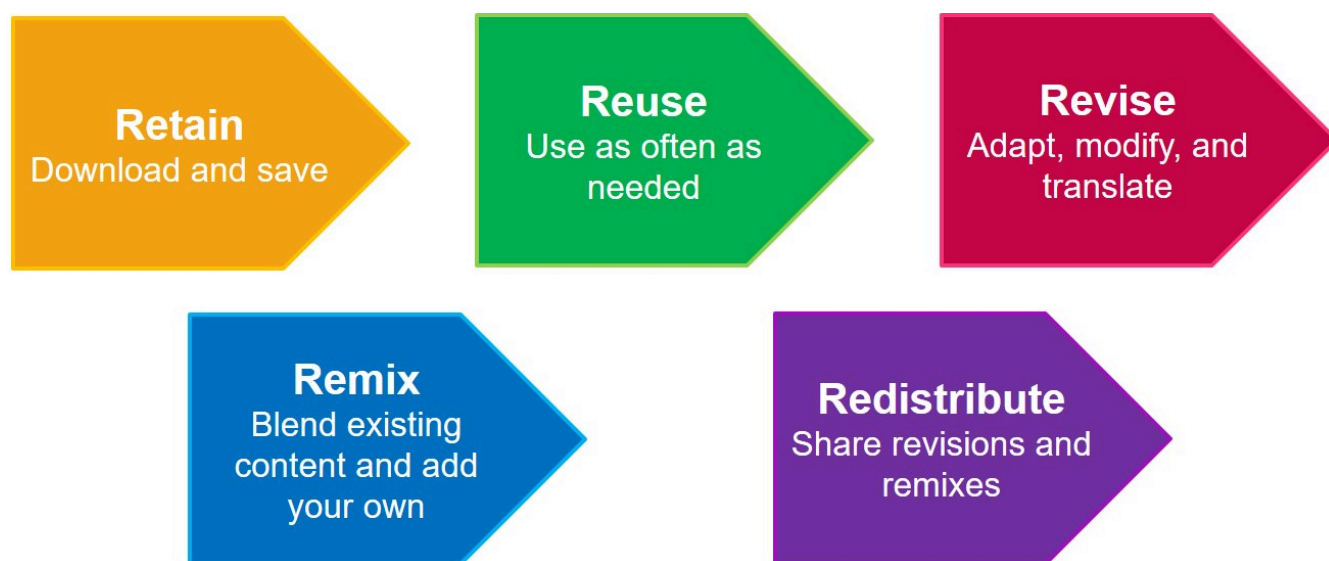


Illustration based on: D. Wiley, "Defining the 'Open' in Open Content and Open Educational Resources," CC BY 4.0. Definitions adapted from: SUNY OER Services, "5Rs of OER" [Infographic], CC BY 4.0.

## Benefits of Open Educational Resources

- OER are free (or low-cost if printed) and thus affordable for students, making education more accessible.
- They can be customized and adapted to the course context and combined with other content and interactive or multimedia elements to provide richer teaching and learning opportunities.
- They offer remote and continued access since most OER are digital, do not require an access code and do not expire.
- They contribute to students' success and completion by easing their financial burden without having a negative impact on their learning.<sup>1</sup>
- OER can be an opportunity to co-create knowledge with students in the form of renewable assignments rather than limiting their role to that of consumers of information.

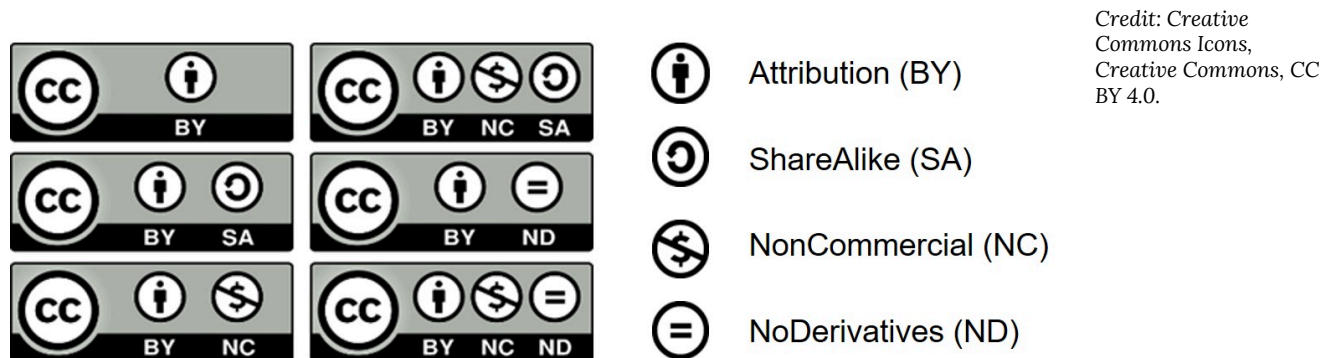
The adaptation of existing open educational resources and the creation of new resources are also opportunities to make course materials more accessible, inclusive, and representative for learners. This kind of flexibility rarely exists in traditional textbooks. Because OER are not created to satisfy a commercial market, they can address topics and include perspectives that would otherwise be neglected.

1. V. Clinton & S. Khan, (2019), "Efficacy of Open Textbook Adoption on Learning Performance and Course Withdrawal Rates: A Meta-Analysis," *AERA Open*, CC BY-NC 4.0. R.S. Jhangiani et al., (2018), "As Good or Better than Commercial Textbooks: Students' Perceptions and Outcomes from Using Open Digital and Open Print Textbooks," *The Canadian Journal for the Scholarship of Teaching and Learning* 9(1). C. Hendricks et al., (2017), "The Adoption of an Open Textbook in a Large Physics Course: An Analysis of Cost, Outcomes, Use, and Perceptions," *The International Review of Research in Open and Distributed Learning* 18(4), CC BY 4.0. H.M. Ross et al., (2018), "Open Textbooks in an Introductory Sociology Course in Canada: Student Views and Completion Rates," *Open Praxis* 10(4), CC BY 4.0.

## What are Creative Commons (CC) Licenses?

Creative Commons Licenses act like a permission. When a creator applies one of the six free licenses on their work, they retain their copyright but allow the public to share, remix and reuse the work legally without having to ask permission or pay additional fees, provided that the user complies with the conditions of the licence.

The six CC Licenses consist of three elements: the CC logo, icons representing a combination of conditions (which can also be represented by two letters or written out in long form), and the version (4.0 International is the most recent).



The most open of these licenses is CC BY, requiring attribution only. The most restrictive (but still more open than copyright's "all rights reserved" approach) is CC BY-NC-ND (Creative Commons Attribution-Non-Commercial-NoDerivatives License), which requires attribution but does not allow for commercial use and adaptations.

### **Note about NoDerivatives and Open Access:**

Resources with the ND (NoDerivatives) condition are not Open Educational Resources. ND indicates that the user cannot make changes to the original version to incorporate it into a new resource. This condition goes against two of the 5R's of Open: revising and remixing. Instead these resources are Open Access resources, where they are free and open but do not fulfill all 5R's of Open. For disciplines with few OER, some non-modifiable resources are suggested in this guide. If no modifications are made, they can be assigned to course material lists without having to request additional permissions.

Learn more about CC licenses on the Creative Commons website.

## Other Open Licenses

In some disciplines and resource types may have other open licenses applied either instead of a Creative Commons License or as well as.

For disciplines such as computer science, engineering, and mathematics, the following software licenses are sometimes applied to OER:

- MIT License

- GNU General Public License, version 3
- Apache License, Version 2.0

Local Contexts have developed Labels, Notices, and Licenses to support and recognize the knowledge and data of Indigenous communities. These include:

- Traditional Knowledge (TK) and Biocultural (BC) Labels
- Traditional Knowledge (TK), Biocultural (BC), and Institutional Notices
- Traditional Knowledge (TK) Licenses

# CUMMING SCHOOL OF MEDICINE

## Faculty Organization in *OER by Discipline Guide*

Cumming School of Medicine has been organized first by Basic Science Departments, then by Clinical Departments.

Each department has been organized by identifiable sub-departments or subjects according to their department website, where applicable.

Individual Open Educational Resources (OER) are organized alphabetically by title.

### **No suggested OER for the following departments:**

- Community Health Sciences (Clinical)
- Critical Care Medicine (Clinical)
- Emergency Medicine (Clinical)
- Neurosciences (Clinical)
- Psychiatry (Clinical)

## Connect with Libraries and Cultural Resources Support

The general email to contact the Health Sciences Library is [hslibr@ucalgary.ca](mailto:hslibr@ucalgary.ca).

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting your subject area.

### **Know of an open educational resource (OER) not listed here?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

### **Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Biochemistry and Molecular Biology

## Page Sections

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Biochemistry

Biology

Genomics Proteomics and Bioinformatics

Molecular and Developmental Genetics

Molecular Biology and Disease

## Biochemistry

### The Basics of General, Organic, and Biological Chemistry

This peer-reviewed open textbook was developed to suit a one-semester General, Organic and Biological Chemistry course.

**Includes:** Test questions following examples, end-of-chapter exercises.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

### Cell Biology, Genetics, Molecular Biology, Evolution and Ecology

This textbook has been successfully adopted. It should be noted that it was written in the context of Indian universities and has a dedicated section to Indian ecology; however, it is a high-quality resource that covers all of the necessary concepts.

**Includes:** exercises.

## Human Biochemistry (LibreTexts)

Available through LibreTexts, this is a comprehensive text meant for university-level biochemistry courses covering topics such as cellular structure, lipid structure, carbohydrate, DNA, binding, transport, kinetics, metabolism, catalysis, oxidation, and signal transduction. There are links and references for further investigation and chapter-based questions. This largely imitates commercial biochemistry textbooks.

**Includes:** simulations, exercises, solutions, and critical thinking questions.

**Licence:** CC BY-NC-SA 4.0

## Biology

### Biology 2e (OpenStax)

Available through OpenStax, Biology 2e is a peer reviewed textbook with all of the concepts covered in two terms of first year biology. It was written by biology professors from several institutions.

**Includes:** Instructor resources, slides, simulations, applications, summaries, exercises, solutions.

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Biology for Majors I (Lumen Learning)

This text was created through Lumen Learning to provide an expansive overview of introductory biology for science students.

**Includes:** Instructor resources, exercises, assignments, solutions

**Licence:** CC BY 4.0, unless otherwise noted.

### Biology for Majors II (Lumen Learning)

This text was created through Lumen Learning to provide an expansive overview of introductory biology for science students.

**Includes:** Instructor resources, exercises, assignments, solutions

**Licence:** CC BY 4.0, unless otherwise noted.

## Concepts of Biology, 1st Canadian Edition

This textbook was adapted for a Canadian audience from an OpenStax textbook. It was designed for students not majoring in Biology. Interactive activities were included for students to check their understanding.

**Includes:** Instructor resources, student resources, simulations, summaries, exercises, solutions

**Licence:** CC BY 4.0

## iBiology

A video collection “by some of the world’s best scientists, science policy experts and science educators.” Though free to watch and share, please note that these videos are not licensed for editing.

**Licence:** CC BY-NC-ND 3.0

## An Interactive Introduction to Organismal and Molecular Biology, 2nd Edition

This interactive textbook begins by orienting students to the nature of science, and then proceeds with units on organismal biology and molecular biology.

**Includes:** Interactive activities, simulations, videos

**Licence:** CC BY-NC-SA 4.0

## Genomics Proteomics and Bioinformatics

### Applied Bioinformatics

From Oregon State University. Please note that this is the first edition of the text. *Applied Bioinformatics* is frequently updated, and the current edition may be downloaded from the Applied Bioinformatics site.

**Licence:** CC BY 4.0

## Creating a Virtual Bioinformatics Lab Module OER to Augment Protein Structure Function Capstone Courses

A set of 5 bioinformatics interactive H5P lab videos. There are accompanying lesson plans, quizzes, assignment with rubrics, and discussion components with rubrics. The videos focus on showing how to find, identify, manipulate, compare, and understand the sequence and 3D structure of model urease enzyme and an unknown protein. The first



two videos illustrate the use of BLAST and PSI-BLAST search against a collection of non-redundant protein databases, an ExPASy, and on-line Metabolic Maps search by using the direct links to the GenBank™ entries from the BLAST output at the PDB site. The third video explains multiple sequence alignments/conservation and phylogenetic analysis by aligning the FASTA-formatted sequences from the ExPASy site. The fourth video describes the use of ChEMBL database to perform a “Target” search of unknown protein sequence, find target associated assays and ligand efficiency data, and explore potential inhibitors/modulators of target protein. The last video is about predicting a protein structure and sequence comparison of proteins based on multiple sequence alignment & existing experimental data using SWISS-MODEL, and UCSF Chimera.

**Licence:** CC BY-NC-SA 4.0

## Molecular and Developmental Genetics

### Biology Media Collection

The four courses this database provides images for (Biology 107 Introduction to Cell Biology, 108 Introduction to Biological Diversity, 207 Molecular Genetics and Heredity, and 208 Principles of Ecology) are foundational to all other Biological Science courses at the university. Images can be used in a wide variety of other science courses, and may be included in student and faculty work.

**Licence:** CC BY 4.0

### “Open Genetics Lectures” Textbook for an Introduction to Molecular Genetics and Heredity (BIOL207)

The Fall 2017 version of Open Genetics Lectures for the course: Introduction to Molecular Genetics and Heredity.

**Licence:** CC0 Public Domain

## Molecular Biology and Disease

### Basic Cell and Molecular Biology: What We Know & How We Found Out, 4th Edition

This textbook provides an overview of cell and molecular biology. A new 5th edition is also available.

**Includes:** Learning objectives, videos, annotations

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Cell Biology, Genetics, Molecular Biology, Evolution and Ecology

This textbook has been successfully adopted. It should be noted that it was written in the context of Indian universities and has a dedicated section to Indian ecology; however, it is a high-quality resource that covers all of the necessary concepts.

**Includes:** exercises.

## Concepts of Biology, 1st Canadian Edition

This textbook was designed as an introductory biology course for non-science students. It has been successfully adopted and it was written by professors of biology. Although this is a biology textbook, the chapters on the cellular foundation, cell division, genetics, molecular biology, biotechnology may apply to the field of biochemistry.

**Includes:** instructor resources, student resources, simulations, summaries, exercises, solutions.

**Licence:** CC BY 4.0

## An Interactive Introduction to Organismal and Molecular Biology

This “textbook” is interactive, meaning that although each chapter has text, they also have interactive H5P content, such as quizzes, simulations, interactive videos, and images with clickable hotspots. Students receive instant feedback when they complete the interactive content, and therefore, can learn and check their understanding all in one place. The first unit introduces students to the nature of science, including scientific controversies, and information literacy, including how to analyze literature and identify stakeholders. Unit 2 is organismal biology, including carbon cycling and population growth, and unit 3 is molecular biology with a focus on gene expression.

**Includes:** Learning objectives, questions, and interactive activities

**Licence:** CC BY-NC-SA 4.0

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**No suggested OER currently available for the following subject:** Cell structure and signalling

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Cell Biology & Anatomy

## Page Sections

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Anatomy

Cell Biology

## Anatomy

### Anatomical Basis of Injury

An adaptation of Anatomy and Physiology (OpenStax) designed to supplement an Anatomical Basis of Injury in Athletic Training course while providing review of basic Anatomy and Physiology.

**Licence:** CC BY

### AnatomyTool

A collection of documents, images, videos, and interactive activities related to anatomy.

**Licence:** Various CC licences

### Anatomy & Physiology I & II

This course focuses on a few themes that, when taken together, provide a full view of what the human body is capable of and of the exciting processes going on inside of it. The themes are:

- Structure and function of the body, and the connection between the two.
- Homeostasis, the body's natural tendency to maintain a stable internal environment.
- Levels of Organization, the major levels of organization in the human organism from the chemical and cellular levels to the tissues, organs and organ systems.
- Integration of Systems, concerning which systems are subsets of larger systems, and how they function together

in harmony and conflict.

**Licence:** CC BY-NC-SA

## Anatomy and Physiology I Lab Manual

This lab manual was created for Anatomy and Physiology I at the University of Georgia. The manual contains labs on cells, histology, the integumentary system, the skeletal system, the nervous system, muscles, and the senses.

**Licence:** CC BY

## Anatomy and Physiology Videos

A collection of YouTube playlists on different anatomy topics including anatomy of the senses, nervous system anatomy, muscle anatomy, appendicular skeleton anatomy, and axial skeleton anatomy.

**Licence:** CC BY

## Anatomy Illustrations

A collection of almost 300 anatomy illustrations by an instructor with over twenty years experience teaching anatomy.

**Licence:** CC BY

## Atlas of Comparative Anatomy

This atlas began as a class project at SUNY Oneonta in 2017 because of the lack of a comprehensive freely-accessible photographic atlas. The majority of entries in this atlas were produced by students including dissection, photography, and identification. It is a work in progress. The online version is available through Lumen Learning.

**Licence:** CC BY

## Atlas of Comparative Vertebrate Anatomy (Lumen Learning)

The majority of entries in this atlas were produced by students including dissection, photography, and identification. It is a work in progress, but we hope that students of anatomy find this a useful tool for studying anatomy outside of the lab.

**Licence:** CC BY 4.0, unless otherwise noted.

## Biology 351 – Anatomical Illustrations

These anatomical illustrations were created by Biological and Pre-Medical Illustration (BPMI) students from Iowa State University. The students worked closely with the lab instructor to develop detailed anatomical illustrations of the specimens studied in the lab.

**Licence:** CC BY-NC-SA

## Body Physics: Motion to Metabolism

This textbook sticks to the basic functioning of the human body, from motion to metabolism, as a common theme through which fundamental physics topics are introduced. Related practice, reinforcement and Lab activities are included.

**Licence:** CC BY-NC-SA

## The Brain from Top to Bottom

An interactive website about the human brain and behaviour.

**Licence:** Copyleft

## Clinical Anatomy

A collection of videos, interactive modules, anatomical illustrations, interactive radiology, and other media for clinical anatomy.

**Licence:** CC BY-NC-SA

## Functional Neuroanatomy

This website includes photographs, diagrams, illustrations, video tutorials, MRI scans, and 3D reconstructions of functionally important parts of the human brain.

**Licence:** CC BY-NC-SA

## Human Anatomy Lab Manual

This is a lab manual for a college-level human anatomy course. The activities in this manual encourage students to

engage with new vocabulary in many ways, including grouping key terms, matching terms to structures, recalling definitions, and written exercises. Most of the activities in this manual utilize anatomical models, and several dissections of animal tissues and histological examinations are also included. Each unit includes both pre- and post-lab questions and six lab exercises designed for a classroom where students move from station to station. The vocabulary terms used in each unit are listed at the end of the manual and serve as a checklist for practicals.

**Licence:** CC BY

## Introduction to the Brain

This resource includes an introductory information pack for high school students and an activity with printable materials. It addresses the following learning outcomes: Name and locate the different lobes of the brain, understand the functions of each brain, and their real-life applications, actively work in a team with a common goal, and understand the implications of brain damage, such as the case of Phineas Gage.

**Licence:** CC BY

## A Mixed Course-Based Research Approach to Human Physiology

This book was written for the Biology 256 Laboratory course at Iowa State University. It was designed to provide students with hands-on access to modern techniques in human physiological analyses using the course-based research pedagogical approach.

**Licence:** CC BY-SA

## UGA Laboratory Manual for Functional Human Anatomy

The manual contains the following labs:

- Introduction to Anatomical Terminology
- Back: Skeletal Framework
- Back Muscles
- Skeletal Framework of the Upper Limb
- Muscles of the Upper Limb
- Skeletal Framework of the Lower Limb
- Skeletal Framework of the Thorax
- Body Cavities and Mesenteries

**Licence:** CC BY

## The Visible Human Project

The NLM Visible Human Project® has created publicly-available, complete, anatomically detailed, three-dimensional representations of a human male body and a human female body. Specifically, the VHP provides a public-domain library of cross-sectional cryosection, CT, and MRI images obtained from one male cadaver and one female cadaver.

**Licence:** Public Domain

## Cell Biology

### Basic Cell and Molecular Biology: What We Know & How We Found Out, 4th Edition

This textbook provides an overview of cell and molecular biology.

**Includes:** Learning objectives, videos, annotations

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Biology 2e (OpenStax)

*Biology 2e* is an OpenStax biology textbook with all of the concepts covered in two terms of first-year biology. It was written by biology professors from several American institutions and is faculty-reviewed.

**Includes:** Instructor resources, slides, simulations, applications, summaries, exercises, and solutions

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library and BCcampus

## Biology for Majors I (Lumen Learning)

This text created through Lumen Learning to provide an expansive overview of introductory biology for science students. The broad and specific approaches provide academic freedom for instructors and provide the necessary information for students.

**Includes:** Applications, instructor resources, exercises, assignments, and solutions

**Licence:** CC BY 4.0



## Biology Media Collection

The four courses this database provides images for (Biology 107 Introduction to Cell Biology, 108 Introduction to Biological Diversity, 207 Molecular Genetics and Heredity, and 208 Principles of Ecology) are foundational to all other Biological Science courses at the university. Images can be used in a wide variety of other science courses, and may be included in student and faculty work.

**Licence:** CC BY 4.0

## Cell Biology, Genetics, and Biochemistry for Pre-Clinical Students (LibreTexts)

Available through LibreTexts this undergraduate medical-level resource for foundational knowledge across the disciplines of genetics, cell biology and biochemistry.

**Licence:** CC BY-NC-SA 4.0

## Cell Biology, Genetics, Molecular Biology, Evolution and Ecology

This textbook has been successfully adopted. It should be noted that it was written in the context of Indian universities and has a dedicated section to Indian ecology; however, it is a high-quality resource that covers all of the necessary concepts.

**Includes:** exercises.

## Concepts of Biology, 1st Canadian Edition

This textbook was designed as an introductory biology course for non-science students. It has been successfully adopted and it was written by professors of biology. Although this is a biology textbook, the chapters on the cellular foundation, cell division, genetics, molecular biology, biotechnology may apply to the field of biochemistry.

**Includes:** instructor resources, student resources, simulations, summaries, exercises, solutions.

**Licence:** CC BY 4.0

## An Interactive Introduction to Organismal and Molecular Biology

This “textbook” is interactive, meaning that although each chapter has text, they also have interactive H5P content, such as quizzes, simulations, interactive videos, and images with clickable hotspots. Students receive instant feedback when they complete the interactive content, and therefore, can learn and check their understanding all in one place. The first unit introduces students to the nature of science, including scientific controversies, and information literacy,

including how to analyze literature and identify stakeholders. Unit 2 is organismal biology, including carbon cycling and population growth, and unit 3 is molecular biology with a focus on gene expression.

**Includes:** Learning objectives, questions, and interactive activities

**Licence:** CC BY-NC-SA 4.0

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

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# Department of Microbiology, Immunology & Infectious Diseases

## Page Sections

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Immunology

Microbiology & Infectious Diseases

## Immunology

### Foundations of Epidemiology

Foundations of Epidemiology is an open access, introductory epidemiology text intended for students and practitioners in public or allied health fields. It covers epidemiologic thinking, causality, incidence and prevalence, public health surveillance, epidemiologic study designs and why we care about which one is used, measures of association, random error and bias, confounding and effect modification, and screening. Concepts are illustrated with numerous examples drawn from contemporary and historical public health issues.

**Licence:** CC BY-NC 4.0

### Open Oxford Immunology

High-interest research and reviews across all aspects of the immune system in health and disease. The journal brings together basic immunological research alongside clinical perspectives and applications for treatment of disease.

**Licence:** CC BY

# Microbiology & Infectious Diseases

## Foundations of Epidemiology

Foundations of Epidemiology is an open access, introductory epidemiology text intended for students and practitioners in public or allied health fields. It covers epidemiologic thinking, causality, incidence and prevalence, public health surveillance, epidemiologic study designs and why we care about which one is used, measures of association, random error and bias, confounding and effect modification, and screening. Concepts are illustrated with numerous examples drawn from contemporary and historical public health issues.

**Licence:** CC BY-NC 4.0

## General Microbiology, 1st Edition

In this textbook the focus will be on the bacteria and archaea (traditionally known as the “prokaryotes,”) and the viruses and other acellular agents.

**Includes:** Key words, study questions, exploratory questions

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Laboratory Exercises in Microbiology: Discovering the Unseen World Through Hands-On Investigation

The exercises in this laboratory manual are designed to engage students in hand-on activities that reinforce their understanding of the microbial world. Topics covered include: staining and microscopy, metabolic testing, physical and chemical control of microorganisms, and immunology. The target audience is primarily students preparing for a career in the health sciences, however many of the topics would be appropriate for a general microbiology course as well.

**Includes:** Key terms, case studies

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Microbiology (OpenStax)

Available through OpenStax, *Microbiology* covers the scope and sequence requirements for a single-semester microbiology course for non-majors. The book presents the core concepts of microbiology with a focus on applications for careers in allied health.

**Includes:** Summaries, review questions, clinical focus, D2L course cartridge, slides, test bank, practice problem widget

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Microbiology: A Laboratory Experience

Designed to support a course in microbiology, *Microbiology: A Laboratory Experience* permits a glimpse into both the good and the bad in the microscopic world. The laboratory experiences are designed to engage and support student interest in microbiology as a topic, field of study, and career.

**Licence:** CC BY-NC-SA 4.0

## Microbiology for Allied Health Students

*Microbiology for Allied Health Students* is designed to cover the scope and sequence requirements for the single semester Microbiology course for non-majors and allied health students. The book presents the core concepts of microbiology with a focus on applications for careers in allied health. The pedagogical features of *Microbiology for Allied Health Students* make the material interesting and accessible to students while maintaining the career-application focus and scientific rigor inherent in the subject matter.

**Includes:** Check your understanding questions, clinical focus, glossary

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

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**No suggested OER currently available for the following subject:** Gastrointestinal sciences

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

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# Department of Physiology and Pharmacology

## Page Sections

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Pharmacology

Physiology

## Pharmacology

### The Language of Medical Terminology II: An Introduction to Pharmacology [New]

The Language of Medical Terminology II is an open educational resource (OER) that focuses on body systems, pathologies, and the medications used to treat those pathologies. Basic principles of pharmacology will be included throughout this OER and organized according to each body system. Review and key concepts will be shared in all chapters. This OER serves to provide the basic knowledge of pharmacology needed to work in the healthcare setting [Description from resource].

**Includes:** review questions, glossary, abbreviations listings, common suffixes listings, and medications list

**Licence:** CC BY-NC-SA

## Multi-Course Case Studies in Health Sciences

While not specific to pharmacy, this resource is a collection of interconnected multidisciplinary case studies. They have been designed to be used in multiple undergraduate courses so that students can return to them over time from different perspectives and with increasing complexity.

**Includes:** Family tree, resources for each case study

**Licence:** CC BY-NC-SA 4.0

## Pharmacy Management & Leadership Learning Through Case Studies

This Casebook is a compilation of cases to help the student pharmacist apply critical thinking, problem solving, and decision-making to common administrative-related challenges seen in pharmacies.

**Licence:** CC BY-NC 4.0

## Principles of Pharmacology – Study Guide

This text was created by the University of Minnesota by a professor in the Department of Experimental and Clinical Pharmacology. This text is a succinct guide of fundamental pharmacology topics such as; drug receptor interactions, classification of receptors, responses to stimulation, signal transductions, and autonomic nervous system

**Includes:** Flowcharts and related scientific terminology charts

**Licence:** CC BY-NC 4.0

## Public Health in Pharmacy Practice: A Casebook, 2nd Edition

Public Health in Pharmacy Practice: A Casebook is a collaboration of over thirty-five experts in public health pharmacy. The twenty-one chapters cover topics relevant to pharmacy applications of public health: cross-cultural care, health literacy and disparities, infectious disease, health promotion and disease prevention, medication safety, women's and rural health and more. Each chapter contains learning objectives and an introduction to the topic, followed by a case and questions. The chapter closes with commentary from the authors and patient-oriented considerations for the topic at hand.

**Licence:** CC BY 4.0

## Safe Pharmacy Simulation / Expérience de la Pharmacie Sécuritaire

The Safe Pharmacy Simulation game is an open educational resource (OER) developed by a team of interprofessional educators to promote employment integration of internationally educated health professionals by building their work readiness skills. It provides learners of any profession working in a medication dispensing setting with opportunities to develop and apply safety-focused best practices for processing and dispensing medications.

**Licence:** CC BY 4.0

## Vaccine Practice for Health Professionals, 1st Canadian Edition

This open access textbook is intended to guide best practices in vaccine delivery in Canada.

**Licence:** CC BY-SA 4.0



# Physiology

## Anatomical Basis of Injury

An adaptation of Anatomy and Physiology (OpenStax) designed to supplement an Anatomical Basis of Injury in Athletic Training course while providing review of basic Anatomy and Physiology.

**Licence:** CC BY

## Anatomy and Physiology (OpenStax)

Available through OpenStax, *Anatomy and Physiology* is a textbook for the two-semester human anatomy and physiology course for life science and allied health majors. The book is organized by body system and covers standard scope and sequence requirements.

**Includes:** D2L course cartridge, guided lecture notes, instructor solution guide, videos

**Reviews:** Available through the Open Textbook Library

## Anatomy and Physiology (Boundless) (LibreTexts)

Available through LibreTexts, this is a comprehensive text covering topics ranging from the human body organ systems, immunology, human development, reproduction, nutrition, metabolism, disorders and aging of organ systems.

**Includes:** Lecture slides, quiz, flowcharts

**Licence:** CC BY-SA 4.0

## Anatomy & Physiology I & II

This course focuses on a few themes that, when taken together, provide a full view of what the human body is capable of and of the exciting processes going on inside of it. The themes are:

- Structure and function of the body, and the connection between the two.
- Homeostasis, the body's natural tendency to maintain a stable internal environment.
- Levels of Organization, the major levels of organization in the human organism from the chemical and cellular levels to the tissues, organs and organ systems.
- Integration of Systems, concerning which systems are subsets of larger systems, and how they function together in harmony and conflict.

**Licence:** CC BY-NC-SA

## Anatomy and Physiology I Lab Manual

This lab manual was created for Anatomy and Physiology I at the University of Georgia. The manual contains labs on cells, histology, the integumentary system, the skeletal system, the nervous system, muscles, and the senses.

**Licence:** CC BY

## Anatomy and Physiology Videos

A collection of YouTube playlists on different anatomy topics including anatomy of the senses, nervous system anatomy, muscle anatomy, appendicular skeleton anatomy, and axial skeleton anatomy.

**Licence:** CC BY

## Building a Medical Terminology Foundation

Targeted at health office administration and health services students in the first year of their college programs, this textbook focuses on breaking down medical terms into their word parts, pronouncing medical terms, and learning the meaning of medical terms within the context of introductory anatomy and physiology.

**Licence:** CC BY

## Health Case Studies

Health Case Studies is composed of eight separate health case studies that align with the open textbooks Clinical Procedures for Safer Patient Care and Anatomy and Physiology: OpenStax. Each case study includes the patient narrative or story that models the best practice (at the time of publishing) in healthcare settings. This resource was produced in British Columbia.

**Includes:** Case studies

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Medical Terminology for Healthcare Professions

This textbook focuses on breaking down, pronouncing, and learning the meaning of medical terms within the context of anatomy and physiology. This resource is targeted for Healthcare Administration, Health Sciences, and Pre-Professional students.

**Licence:** CC BY

## A Mixed Course-Based Research Approach to Human Physiology

This book was written for the Biology 256 Laboratory course at Iowa State University. It was designed to provide students with hands-on access to modern techniques in human physiological analyses using the course-based research pedagogical approach.

**Licence:** CC BY-SA

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# Department of Medicine (Clinical)

## Page Sections

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Medicine (General)

Dermatology

Hematology

Infectious Diseases

## Medicine (General)

### Anatomy and Physiology (OpenStax)

Available through OpenStax, *Anatomy and Physiology* is a textbook for the two-semester human anatomy and physiology course for life science and allied health majors. The book is organized by body system and covers standard scope and sequence requirements.

**Includes:** D2L course cartridge, guided lecture notes, instructor solution guide, videos

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Anatomy and Physiology (Boundless) (LibreTexts)

Available through LibreTexts, this is a comprehensive text covering topics ranging from the human body organ systems, immunology, human development, reproduction, nutrition, metabolism, disorders and aging of organ systems.

**Includes:** Lecture slides, quiz, flowcharts

**Licence:** CC BY-SA 4.0

## Basic Cell and Molecular Biology: What We Know & How We Found Out, 4th Edition

This textbook provides an overview of cell and molecular biology.

**Includes:** Learning objectives, videos, annotations

**Licence:** CC-BY

**Reviews:** Available through the Open Textbook Library

## Building a Medical Terminology Foundation

Targeted at health office administration and health services students in the first year of their college programs, this textbook focuses on breaking down medical terms into their word parts, pronouncing medical terms, and learning the meaning of medical terms within the context of introductory anatomy and physiology.

**Licence:** CC BY

## Cancer Concepts: A Guidebook for the Non-Oncologist

Topics in this guide include the biological basis of oncology, principles of therapy, and organ-specific cancers.

**Includes:** Summary and key points, thought questions, glossary

**Licence:** CC BY-NC-SA 4.0

## Cancer Registration & Surveillance Modules

The *Cancer Registration & Surveillance* modules provide information needed by cancer registry staff and others interested in collecting and recording the most complete and accurate cancer data possible. The modules cover information on: registries and their operations, basic anatomy and medical terminology, cancer tests and treatments, coding and staging standards for cancer registration, and casefinding and follow-up.

**Licence:** Public Domain

## Cell Biology, Genetics, and Biochemistry for Pre-Clinical Students

An undergraduate medical-level resource for foundational knowledge across the disciplines of genetics, cell biology and biochemistry. This text is designed for a course in first year undergraduate medical course that is delivered typically before students start to explore systems physiology and pathophysiology.

**Licence:** CC BY-NC-SA

## A Clinical Educator's Guide to Understanding and Facilitating the Clinical Reasoning Process

Developing Clinical Reasoning is an important part of the training of Undergraduate Health and Rehabilitation students. However, a lack of consensus amongst Educators on how to facilitate this, often hampers student progress. This booklet was designed to give Clinical Educators a brief overview on strategies to assist students in developing Clinical Reasoning. Based on the 'Making thinking Visible' approach, it guides Clinical Educators in how to make their own reasoning processes more explicit to students, so that they can learn from their more expert thinking practices.

**Licence:** CC BY-NC

## Clinical Procedures for Safer Patient Care

This resource was produced in British Columbia. This text serves a supplementary resources for information about how to perform clinical procedures. The format of the text includes video demonstrations, flowcharts, and checklists to ensure high compliance to protocol. The topics covered include: infection control, patient assessment, patient positioning, wound care, oxygen therapy, medication administration and tubal attachments.

**Includes:** Critical thinking exercises, flowcharts, video demonstrations, glossary

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## The Complete Subjective Health Assessment

This Canadian textbook deconstructs the categories of the complete subjective health assessment, providing learners with explanations and examples of what constitutes relevant subjective data. This textbook provides an opportunity to learn how to respond to normal, abnormal, and critical findings when completing a complete subjective health assessment.

**Includes:** Quiz, glossary, flowcharts

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Concepts of Fitness and Wellness

The textbook covers a broad area of fitness and wellness, and it includes physiological, behavioral, psychological, and biomechanical domains. The content covered is suitable for students being introduced to the field, such as those taking an introductory Kinesiology course.

**Licence:** CC BY-NC-SA

## Diversity and Difference in Communication (LibreTexts)

Interpersonal communication in health and social care services is by its nature diverse. As a consequence, achieving good or effective communication whether between service providers and service users, or among those working in a service means taking account of diversity, rather than assuming that every interaction will be the same. This text available through LibreText explores the ways in which difference and diversity impact on the nature of communication in health and social care services.

**Licence:** CC BY-NC-SA 4.0

## The EBMT Handbook: Hematopoietic Stem Cell Transplantation and Cellular Therapies

This new formatted EBMT Handbook, which is part of a broader EBMT educational strategy, addresses the most recent developments and innovations in stem cell transplantation and cellular therapy presented by more than 170 authors, known as experts and well-recognized authorities in the field. In more than 90 chapters, all types of stem cell and bone marrow transplantation including haplo-identical stem cell and cord blood transplantation, indication for transplantation, and management of complications as well as the new rapidly evolving field of cellular therapies are covered. Other important issues such as quality management and JACIE accreditation, stem cell collection, conditioning, donor selection, HLA typing, graft manipulation, ethical issues, psychological support, and quality of life are also properly addressed.

**Licence:** CC BY 4.0

## Edinburgh DataShare: College of Medicine & Veterinary Medicine

A digital repository of research data produced at the University of Edinburgh by the College of Medicine & Veterinary Medicine.

**Licence:** Various CC licences

## Emergency Cardiology, 2nd Edition

This fully revised and updated second edition offers practical advice on the diagnosis and management of acute cardiac conditions. Throughout the book, the authors employ an evidence-based approach to clinical practice and provide detailed guidance for day-to-day practice in a wider variety of settings—from the emergency department to intensive care and the cardiac ward. Authored by four cardiologists with extensive experience in the emergency setting, it includes the results of the most groundbreaking clinical trials. Topics include arrhythmias, acute aortic syndromes, pericarditis, and cardiac trauma (Description from resource).

**Licence:** CC BY-NC-ND 4.0

## Emerging Infectious Diseases

All volumes from the journal *Emerging Infectious Diseases* published from 1995 to the present.

**Licence:** Public Domain

## Environmental Health Perspectives

All volumes from the journal *Environmental Health Perspectives* published from 1972 to the present.

**Licence:** Public Domain

## Foundations of Epidemiology

A textbook that provides an introduction to to topics and methods of studying human health, including epidemiologic methods and epidemiologic thinking.

**Includes:** Learning objectives, abbreviations lists, glossary, summaries

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Fundamentals of Clinical Data Science

This open access book covers the fundamentals of clinical data science, focusing on data collection, modelling and clinical applications. Topics covered in the first section on data collection include: data sources, data at scale (big data), data stewardship (FAIR data) and related privacy concerns.

**Licence:** CC BY 4.0

## Genetics Home Reference

A gallery of illustrations related to genetic conditions.

**Licence:** Public Domain



## Handbook of Life Course Health Development

Topics covered include Health development science; Developmental origins of chronic illnesses; Community; Diabetes; Autism; Obesity; Nutrition; Health disparities across the lifespan; Fetal programming.

**Licence:** CC BY 4.0

## Health Case Studies

Health Case Studies is composed of eight separate health case studies that align with the open textbooks Clinical Procedures for Safer Patient Care and Anatomy and Physiology: OpenStax. Each case study includes the patient narrative or story that models the best practice (at the time of publishing) in healthcare settings. This resource was produced in British Columbia.

**Includes:** Case studies

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Health Promotion in Health Care: Vital Theories and Research

This open access book first discusses the theory of health promotion and vital concepts. It then presents updated evidence-based health promotion approaches in different populations (people with chronic diseases, cancer, heart failure, dementia, mental disorders, long-term ICU patients, elderly individuals, families with newborn babies, palliative care patients) and examines different health promotion approaches integrated into primary care services.

**Licence:** CC BY 4.0

## Human Anatomy Laboratory Manual

This human anatomy laboratory manual acts as a textbook for undergraduate human anatomy courses. Each chapter has review questions and laboratory activities, and most chapters also have collaborative learning activities.

**Includes:** Review questions, lab activities, collaborative learning activities

**Licence:** CC BY-NC-SA 4.0

## Illustrated Manual of Pediatric Dermatology

Illustrated Manual of Pediatric Dermatology presents simple approaches to the problems that pediatricians and

dermatologists see in their practices on a regular basis. Including approximately 300 color photographs to aid accurate diagnosis, this easy-to-use book provides a rapid reference guide to a broad range of pediatric and adolescent skin.

**Licence:** CC BY-NC-ND 4.0

## Introduction to Epigenetics

This open access textbook leads the reader from basic concepts of chromatin structure and function and RNA mechanisms to the understanding of epigenetics, imprinting, regeneration and reprogramming.

**Licence:** CC BY 4.0

## The Language of Medical Terminology [New]

The Language of Medical Terminology is an open educational resource (OER) that begins with a focus on the practice of breaking down medical terms into their component parts. This is practiced through the beginning of the book in order to develop a solid foundation on medical term parts, their meaning and how to understand the full meaning behind medical terminology as a whole. The OER then continues onto the use of abbreviations, anatomy and physiology, body systems, common tests and procedures and finishes with content focusing on medical professionals in health care. This OER serves to provide the basic knowledge necessary to work in the health care setting [Description from resource].

**Includes:** glossary, review exercises

**Licence:** CC BY-NC-SA

## The Language of Medical Terminology II: An Introduction to Pharmacology [New]

The Language of Medical Terminology II is an open educational resource (OER) that focuses on body systems, pathologies, and the medications used to treat those pathologies. Basic principles of pharmacology will be included throughout this OER and organized according to each body system. Review and key concepts will be shared in all chapters. This OER serves to provide the basic knowledge of pharmacology needed to work in the healthcare setting [Description from resource].

**Includes:** review questions, glossary, abbreviations listings, common suffixes listings, and medications list

**Licence:** CC BY-NC-SA

## Leadership in Healthcare and Public Health

This book is a reflection of a diverse group of graduate students from health services, health management, health professions and a diverse group of mid-career professionals engaged in obtaining a Master of Public Health at The Ohio State University College of Public Health.

**Licence:** CC BY

## LGBT+ Healthcare 101

Digital story interviews with LGBT+ volunteers, 'LGBT+ Healthcare 101' presentation, and a secondary school resource, created by and for University of Edinburgh medicine students. The resources were created as part of a project to address a lack of awareness and knowledge of LGBT+ health, and of the sensitivities needed to treat LGBT patients as valuable skills for qualifying doctors.

**Licence:** CC BY

## Lymphedema Management Workbook

This workbook outlines appropriate treatments and techniques for physical therapists treating lymphedema.

**Licence:** CC BY-NC-SA 4.0

## MedEdPortal

Peer-reviewed teaching modules that have been evaluated with medical or dental learners.

**Licence:** CC BY, CC BY-NC

## Medical LibreTexts Library

A LibreTexts collection of open textbooks, assignments, and other educational resources relating to topics in medicine.

**Licence:** CC BY-NC-SA

## Medical Terminology for Healthcare Professions

This textbook focuses on breaking down, pronouncing, and learning the meaning of medical terms within the context of anatomy and physiology. This resource is targeted for Healthcare Administration, Health Sciences, and Pre-Professional students.

**Licence:** CC BY

## Multi-Course Case Studies in Health Sciences

While not specific to medicine, this resource is a collection of interconnected multidisciplinary case studies. They have been designed to be used in multiple undergraduate courses so that students can return to them over time from different perspectives and with increasing complexity.

**Includes:** Family tree, resources for each case study

**Licence:** CC BY-NC-SA

## Non-Communicable Disease Prevention

The book comprises ten chapters, which collectively explore the reasons behind, and strategies for, preventing and managing the NCD burden. It spans key themes such as political economy, the transferability of economic evidence, the role of cross-sectoral policies, the importance of deliberative processes, and health technology assessment. This book is written for the benefit of the global health community.

**Licence:** CC BY 4.0

## Northern and Indigenous Health and Healthcare

This resource has been created by the University of the Arctic Northern Nursing Education Network (NNEN) which includes twelve nursing schools in Canada, Finland, Greenland, Iceland, Norway, Sweden, and Russia. It is meant to fill the gap of northern and Indigenous health care needs. It provides content on health and health care from a northern perspective for the growing number of health professionals being educated in northern communities. It focuses on community health, social Determinants and structural Impacts on northern and Indigenous health, culture and health, innovations in northern healthcare, and professional practice in northern and Indigenous communities.

**Includes:** Reflection questions, case studies

**Licence:** CC BY-NC

## Open Access Biomedical Image Search Engine

Open-i service of the National Library of Medicine enables search and retrieval of abstracts and images (including charts, graphs, clinical images, etc.) from the open source literature, and biomedical image collections.

**Licence:** Various CC licences

## Organising Care Around Patients: Stories from the Frontline of the NHS

This open access book covers patient-centred healthcare by listening closely to those at the frontline. It provides

accounts from patients, carers and healthcare professionals who are patients about what it's like when services get it right, and wrong.

**Licence:** CC BY 4.0

## Preventing Chronic Disease

All volumes from the journal *Preventing Chronic Disease* published from 2004 to the present.

**Licence:** Public Domain

## Principles of Nutrition Textbook, 2nd Edition

This textbook discusses aspects of nutrition, including both macro- and micronutrients as well as nutrition throughout the lifespan.

**Includes:** Videos, links

**Licence:** CC BY-SA

## Principles of Pharmacology: Study Guide

This text was created by a professor at the University of Minnesota's Department of Experimental and Clinical Pharmacology. This text is a succinct guide of fundamental pharmacology topics such as; drug receptor interactions, classification of receptors, responses to stimulation, signal transductions, and autonomic nervous system.

**Includes:** Flowcharts and related scientific terminology charts

**Licence:** CC BY-NC

## Public Health Ethics: Cases Spanning the Globe (LibreTexts)

This LibreTexts resource has been contributed to by international institutions including Centers for Disease Control and Prevention (CDC) and World Health Organization (WHO). It covers what public health is, ethics, and public health decision making.

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Rehab Techniques in Oncology Workbook

This workbook was created by physical therapist Jodi Steele to provide information on appropriate rehabilitation techniques for oncology patients.

**Licence:** CC BY-NC-SA 4.0

## Safer Healthcare: Strategies for the Real World

Topics covered include Health Administration; Quality Control, Reliability, Safety and Risk; Quality of Life Research; Practice and Hospital Management.

**Licence:** CC BY-NC 4.0

## Scientific Writing and Publishing in Medicine and Health Sciences

Writing and publishing scientific papers is the core business of researchers, but is often experienced as difficult and frustrating. This book provides clear and concise key information on 12 major aspects of the process, from how to get started to dealing with reviewers' comments.

**Licence:** CC BY-NC-ND 4.0

## Social Determinants of Health in Non-communicable Diseases

This open access book reviews social determinants of health (SDHs) for non-communicable diseases (NCDs) and healthy aging, with a focus on Japan.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Surgery 101

A collection of videos and podcasts relating to different topics in surgery.

**Licence:** CC BY-NC-SA

## Textbook of Plastic and Reconstructive Surgery

Written by experts from London's renowned Royal Free hospital, Textbook of Plastic and Reconstructive Surgery

offers a comprehensive overview of the vast topic of reconstructive plastic surgery and its various subspecialties for introductory plastic surgery and surgical science courses.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Undergraduate Diagnostic Imaging Fundamentals

This resource was created by the University of Saskatchewan. It focuses on the principles of viewing and analysing radiology based medical imaging. This textbook contains both normal images and images with different abnormalities or disease.

**Includes:** Case studies, images, online resources

**Licence:** CC BY-NC-SA

## Vaccine Practice for Health Professionals: 1st Canadian Edition

This text was created by Ryerson University. It is intended to guide best practices in vaccine delivery in Canada. This textbook provides information related to clinical practice, including the administration of vaccines, and communication with clients.

**Includes:** Videos, case studies, practice questions, glossary, figures

**Licence:** CC BY-SA

## Vital Sign Measurement Across the Lifespan, 2nd Canadian Edition

The purpose of this textbook is to help learners develop best practices in vital sign measurement. Using a multi-media approach, it will provide opportunities to read about, observe, practice, and test vital sign measurement.

**Includes:** Videos, problem sets, solutions, interactive activities, flowcharts

**Licence:** CC BY

## WISC-Online Health Science

A collection of videos relating to health science.

**Licence:** CC BY-NC

## WISC-Online Medical Terminology

A collection of learning objects and activities relating to medical terminology.

**Licence:** CC BY-NC

## Dermatology

### Illustrated Manual of Pediatric Dermatology

Illustrated Manual of Pediatric Dermatology presents simple approaches to the problems that pediatricians and dermatologists see in their practices on a regular basis. Including approximately 300 color photographs to aid accurate diagnosis, this easy-to-use book provides a rapid reference guide to a broad range of pediatric and adolescent skin.

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## Hematology

### A Laboratory Guide to Clinical Hematology

The creation of this laboratory guide accompanied a project which digitized laboratory slides so students and the public could access these medical resources for study. The digitized slide images and descriptive text are included in this resource.

**Licence:** CC BY-NC

## Infectious Diseases

### Foundations of Epidemiology

Foundations of Epidemiology is an open access, introductory epidemiology text intended for students and practitioners in public or allied health fields. It covers epidemiologic thinking, causality, incidence and prevalence, public health surveillance, epidemiologic study designs and why we care about which one is used, measures of association, random error and bias, confounding and effect modification, and screening. Concepts are illustrated with numerous examples drawn from contemporary and historical public health issues.

**Licence:** CC BY-NC 4.0



**No suggested OER currently available for the following subjects:**

- Endocrinology,
- Gastroenterology,
- Geriatric medicine,
- Medical transplant,
- Nephrology,
- Respiratory medicine,
- Rheumatology

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Anesthesiology, Perioperative and Pain Medicine (Clinical)

## Palliative Care

### Health Promotion in Health Care: Vital Theories and Research

This open access book first discusses the theory of health promotion and vital concepts. It then presents updated evidence-based health promotion approaches in different populations (people with chronic diseases, cancer, heart failure, dementia, mental disorders, long-term ICU patients, elderly individuals, families with newborn babies, palliative care patients) and examines different health promotion approaches integrated into primary care services.

**Licence:** CC BY 4.0

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**No suggested OER currently available for the following subjects:**

- Acute and chronic pain
- Anesthesiology
- Critical care
- Perioperative
- Simulation
- Vascular

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Please see the Department of Medicine (Clinical) for other potential OER.

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# Department of Cardiac Sciences (Clinical)

## Emergency Cardiology, 2nd Edition

This fully revised and updated second edition offers practical advice on the diagnosis and management of acute cardiac conditions.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

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There may be relevant OER within the Department of Medicine (Clinical) and other related departments in the Cumming School of Medicine.

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# Department of Family Medicine (Clinical)

## Diversity and Difference in Communication (LibreTexts)

Interpersonal communication in health and social care services is by its nature diverse. As a consequence, achieving good or effective communication whether between service providers and service users, or among those working in a service means taking account of diversity, rather than assuming that every interaction will be the same. This text available through LibreTexts explores the ways in which difference and diversity impact on the nature of communication in health and social care services.

**Licence:** CC BY-NC-SA 4.0

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Please see the Department of Medicine (Clinical) for other potential OER.

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# Department of Medical Genetics (Clinical)

## Chemical Biology & Biochemistry Laboratory Using Genetic Code Expansion Manual

Proteins play vital roles in most biological processes; these roles include acting as catalysts for physiological reactions, as regulators for those reactions, or as structural framework around which these processes can occur. Proteins' complex organization of diverse functionality in 3D space leads to an astonishing range of function for living organisms. Understanding this intimate relationship between structure and function is the backbone of understanding the natural world and is the key to controlling it (Description from resource).

### Downloadable images

- Chromosome terminology
- DNA helicase, DNA replication
- DNA ligase, DNA replication
- DNA polymerase, DNA replication
- Egg and Sperm
- Independent assortment
- Messenger RNA – simple
- Multiple ribosomes translation, protein synthesis
- Rough ER close up: Showing a ribosome creating a polypeptide which is folded into a secondary structure in the lumen of the rER
- Synapsis and Crossing Over with Labels
- Synapsis and Crossing Over No Labels
- Transcription and translation
- Types of RNA

**Licence:** CC BY-NC applied to the manual; CC BY-SA applied to images

## Cell Biology, Genetics, and Biochemistry for Pre-Clinical Students

An undergraduate medical-level resource for foundational knowledge across the disciplines of genetics, cell biology and biochemistry. This text is designed for a course in first year undergraduate medical course that is delivered typically before students start to explore systems physiology and pathophysiology.

**Licence:** CC BY-NC-SA

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**Licence:** CC BY-NC-SA 4.0

## Genetics, Agriculture, and Biotechnology

This textbook provides an introduction to plant genetics and biotechnology for the advancement of agriculture. A clear and structured introduction to the topic for learners new to the field of genetics, the book includes: an introduction to the life cycle of the cell, DNA and how it relates to genes and chromosomes, DNA analysis, recombinant DNA, biotechnology, and transmission genetics.

**Licence:** CC BY-NC-SA

## Genetics Home Reference

A gallery of illustrations related to genetic conditions.

**Licence:** Public Domain

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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### **Know of an open educational resource (OER) not listed?**

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# Department of Obstetrics and Gynaecology (Clinical)

## Page Sections

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Obstetrics and Gynaecology (General)

Gynaecology

Midwifery

## Obstetrics and Gynaecology (General)

### Diversity and Difference in Communication (LibreTexts)

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**Licence:** CC BY-NC-SA 4.0

## Maternity Series

The *Maternity Series* is an open educational resource (OER) containing four units and three simulation games (“games”) on the essentials of maternal and newborn nursing assessment and care: Prenatal Nursing Care, Labour and Delivery Nursing Care, Postpartum Nursing Care, and Newborn Care.

Learners can test their retention of knowledge from each unit by practicing their skills in a safe environment by playing a simulation game. (Note: The game for the Postpartum and Newborn units are combined into one game). Prenatal Nursing Care, Labour and Delivery Nursing Care, and Postpartum Nursing Care games are also available in French.

**Licence:** CC BY-NC 4.0



# Gynaecology

## Gynecological Assessment

Health professional programs such as nursing and medicine have historically had difficulty securing assessment experiences such as gynecological examinations. Decreased availability of preceptors and increased transitions to virtual care has recently made learning associated with this important topic even more difficult to obtain. To help better prepare health care providers, we have developed four online gynecological assessment learning modules in combination with virtual knowledge checks that will help articulate an approach, demonstrate techniques of examination, identify and diagnose disorders, and develop an evidence-based plan.

**Includes:** Videos and interactive exercises

**Licence:** CC BY-NC 4.0

## Midwifery

Comprehensive Midwifery: The role of the midwife in health care practice, education, and research: An interactive guide to the theory and evidence of practice

This textbook was written by professors in McMaster's midwifery program.

**Includes:** Glossary, case studies

**Licence:** CC BY-NC 4.0

## Learning Primary Midwifery Care

Learning Primary Midwifery Care is a package of three online learning modules for midwifery learners and teachers developed by the Ryerson University Midwifery Education Program in collaboration with faculty partners from Laurentian and McMaster Universities.

**Includes:** Quiz

**Licence:** CC BY-NC-ND 4.0

**No suggested OER currently available for the following subjects:**

- Minimally invasive surgery
- Obstetrics
- Reproductive endocrinology & infertility
- Urogynaecology

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# Department of Oncology (Clinical)

## The High Protein Cookbook for Muscle Health During Cancer Treatment [New]

Nutrition is powerful! It can be used to help people—including those with cancer—live longer with better health. This cookbook is particularly focused on muscle health, which is related to the amount and type of protein in our diets. People with cancer need more protein than those who are healthy, and animal protein sources are particularly important for building muscle mass; these include, among others, beef, pork, chicken, fish, eggs, milk, and cheese. Our *High Protein Cookbook for Muscle Health During Cancer Treatment* includes 66 high protein recipes for breakfast, lunch, dinner, and snacks to help patients increase their protein intake for muscle health [Description from resource].

**Licence:** CC BY 4.0

## Rehab Techniques in Oncology Workbook

This workbook was created by physical therapist Jodi Steele to provide information on appropriate rehabilitation techniques for oncology patients. This book can be used in practice or in the classroom.

**Licence:** CC BY-NC-SA 4.0

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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# Department of Pathology and Laboratory Medicine (Clinical)

## Diversity and Difference in Communication (LibreTexts)

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**Licence:** CC BY-NC-SA 4.0

## Introduction to Cancer Concepts: A Guidebook for the Non-Oncologist

From the Department of Radiation Oncology and the Department of Medicine, Division of Hematology Oncology at the University of Massachusetts Medical School. The goal of the Cancer Concepts course is to begin to prepare students to care for oncology patients in whatever specialty they ultimately choose, and the text provides a foundational guidebook of oncology for non-oncologists (Description from resource).

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# Department of Pediatrics (Clinical)

## Pediatric

### Child and Adolescent Mental Health

This book covers diagnosis, treatment, and social implications. The first section describes diagnostic processes. It describes a reevaluation of projective techniques, a new clinical tool in psychotraumatology, the foundations of the framing technique, and an overview on integrative approaches. The second section focuses on new developments in the field with special emphasis on culture-specific contexts. From parenting of adolescents in India to the influence of poverty on mental health issues in Mexico, as well as the use of marijuana and Internet addiction, some of the most important fields are highlighted. The third section concentrates on therapy. It shows how to react to bullying and reviews the use of antidepressants in children and adolescents.

**Licence:** CC BY

### Post-Op Pediatric Clinical Simulation

The *Post-Op Pediatric Clinical Simulation Game* is an open educational resource (OER) containing a simulation game on the essentials of pediatric post-operative care. Learners can test their knowledge related to post-operative care of a pediatric patient and practice their skills by playing the virtual gaming simulation. The game replicates real-life clinical situations whereby learners have unlimited attempts to practice their skills. Learners will collect assessment data, choose from a variety of interventions, and experience the consequences of their decisions in a safe environment. Throughout the game, feedback and rationales are provided to enhance learning. Furthermore, at the end of the game, learners are provided with a summary statement that synthesizes their clinical decisions and offers the basis for forming an individualized learning plan. For optimal learning, a debrief should be conducted after the game. The debrief can consist of a written self-debrief, a facilitated synchronous virtual debrief, or an in-person debrief.

**Learners:** The *Post-Op Pediatric Clinical Simulation Game* is tailored for undergraduate-level nursing students. Other learners who can benefit from this resource include: nurses preparing for their certification exam, practicing nurses who would like to review these skills, and healthcare providers involved in pediatric or post-operative care.

**Instructors:** This resource is a learning tool to facilitate and promote the application of knowledge related to pediatric post-operative nursing care. It can be used as an in-class activity or an individual student assignment. It is important to review the learning outcomes to ensure students have the foundational knowledge to play the game. A pre-brief related to the content and the game is an important aspect of preparing the student for playing the game. It is important to include a debrief after the game is completed to optimize the learning.

**Licence:** CC BY-NC 4.0

## Cardiology

### Emergency Cardiology, 2nd Edition

This fully revised and updated second edition offers practical advice on the diagnosis and management of acute cardiac conditions.

**Licence:** CC BY-NC-ND 4.0

## Dermatology

### Illustrated Manual of Pediatric Dermatology

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## Emergency Medicine

### Emergency Cardiology, 2nd Edition

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**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Virtual Healthcare Experience

Collection of simulation games covering the following areas of healthcare: Emergency, Gerontology, Pediatrics, Medical-Surgical, Maternal and Child, and Mental Health.

**Licence:** CC BY-NC 4.0

## Hematology

### A Laboratory Guide to Clinical Hematology

The creation of this laboratory guide accompanied a project which digitized laboratory slides so students and the public could access these medical resources for study. The digitized slide images and descriptive text are included in this resource.

**Licence:** CC BY-NC

## Immunology & Allergy

### Foundations of Epidemiology

Foundations of Epidemiology is an open access, introductory epidemiology text intended for students and practitioners in public or allied health fields. It covers epidemiologic thinking, causality, incidence and prevalence, public health surveillance, epidemiologic study designs and why we care about which one is used, measures of association, random error and bias, confounding and effect modification, and screening. Concepts are illustrated with numerous examples drawn from contemporary and historical public health issues.

**Licence:** CC BY-NC 4.0

### Open Oxford Immunology

High-interest research and reviews across all aspects of the immune system in health and disease. The journal brings together basic immunological research alongside clinical perspectives and applications for treatment of disease.

**Licence:** CC BY

## Infectious Diseases

### Foundations of Epidemiology

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#### Downloadable images

- Chromosome terminology
- DNA helicase, DNA replication
- DNA ligase, DNA replication
- DNA polymerase, DNA replication
- Egg and Sperm
- Independent assortment
- Messenger RNA – simple
- Multiple ribosomes translation, protein synthesis
- Rough ER close up: Showing a ribosome creating a polypeptide which is folded into a secondary structure in the lumen of the rER
- Synapsis and Crossing Over with Labels
- Synapsis and Crossing Over No Labels
- Transcription and translation
- Types of RNA

**Licence:** CC BY-NC applied to the manual; CC BY-SA applied to images

### Cell Biology, Genetics, and Biochemistry for Pre-Clinical Students

An undergraduate medical-level resource for foundational knowledge across the disciplines of genetics, cell biology and biochemistry. This text is designed for a course in first year undergraduate medical course that is delivered typically before students start to explore systems physiology and pathophysiology.

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### Diversity and Difference in Communication (LibreTexts)

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**Licence:** CC BY-NC-SA 4.0

## Genetics, Agriculture, and Biotechnology

This textbook provides an introduction to plant genetics and biotechnology for the advancement of agriculture. A clear and structured introduction to the topic for learners new to the field of genetics, the book includes: an introduction to the life cycle of the cell, DNA and how it relates to genes and chromosomes, DNA analysis, recombinant DNA, biotechnology, and transmission genetics.

**Licence:** CC BY-NC-SA

## Genetics Home Reference

A gallery of illustrations related to genetic conditions.

**Licence:** Public Domain

## Oncology

### Rehab Techniques in Oncology Workbook

This workbook was created by physical therapist Jodi Steele to provide information on appropriate rehabilitation techniques for oncology patients. This book can be used in practice or in the classroom.

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## Palliative Medicine

### Health Promotion in Health Care: Vital Theories and Research

This open access book first discusses the theory of health promotion and vital concepts. It then presents updated evidence-based health promotion approaches in different populations (people with chronic diseases, cancer, heart failure, dementia, mental disorders, long-term ICU patients, elderly individuals, families with newborn babies, palliative care patients) and examines different health promotion approaches integrated into primary care services.

**No suggested OER currently available for the following subjects:**

- Adolescent medicine
- Critical care
- Endocrinology
- Gastroenterology
- Neonatology
- Nephrology
- Neurology
- Respiriology
- Rheumatology

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Radiology (Clinical)

## Undergraduate Diagnostic Imaging Fundamentals

Diagnostic Imaging principles and concepts are augmented by the presentation of images for common clinical conditions. Guiding principles related to minimizing radiation exposure and requesting the most appropriate imaging examination are addressed. Static images are enhanced by the ability to access images stored and displayed on an Html-5 compatible, Dicom image viewer that simulates a simple Picture Archive and Communication system (PACS). Users can also access other imaging from the Dicom viewer (ODIN), beyond the basic curriculum provided, to further advance their experience with viewing diagnostic imaging pathologies.

**Licence:** CC BY-NC-SA 4.0

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# Department of Surgery (Clinical)

## Surgery (General)

### A Clinical Approach to Common Surgical Scenarios: A Handbook for Students and Junior Doctors

Aimed at students and junior doctors, the purpose of this book is to provide a guide to the evaluation of common surgical problems as well as test diagnostic and troubleshooting skills when there is nobody to help or ask for advice.

**Licence:** CC BY-NC

## Diversity and Difference in Communication (LibreTexts)

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**Licence:** CC BY-NC-SA 4.0

## Dentistry and Oral Health

### Histology and Embryology for Dental Hygiene

This eBook makes use of animated images to focus on concepts in histology and embryology.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## MedEdPortal

Peer-reviewed open access teaching modules that have been evaluated with medical or dental learners.

**Licence:** Various CC Licences

## Provisional Prosthodontic series, 2nd Edition

The Provisional Prosthodontic Series – 2nd Edition is comprised of five resources: Provisional Prosthodontic Theory Manual, Provisional Prosthodontic Clinical Manual, a study guide, instructor's guide, and a manual of practice exercises and case studies.

**Licence:** CC BY-SA 4.0

## Pediatric Surgery

### Post-Op Pediatric Clinical Simulation

The *Post-Op Pediatric Clinical Simulation Game* is an open educational resource (OER) containing a simulation game on the essentials of pediatric post-operative care. Learners can test their knowledge related to post-operative care of a pediatric patient and practice their skills by playing the virtual gaming simulation. The game replicates real-life clinical situations whereby learners have unlimited attempts to practice their skills. Learners will collect assessment data, choose from a variety of interventions, and experience the consequences of their decisions in a safe environment. Throughout the game, feedback and rationales are provided to enhance learning. Furthermore, at the end of the game, learners are provided with a summary statement that synthesizes their clinical decisions and offers the basis for forming an individualized learning plan. For optimal learning, a debrief should be conducted after the game. The debrief can consist of a written self-debrief, a facilitated synchronous virtual debrief, or an in-person debrief.

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**Licence:** CC BY-NC 4.0

## Plastic Surgery

### Textbook of Plastic and Reconstructive Surgery

Written by experts from London's renowned Royal Free hospital, *Textbook of Plastic and Reconstructive Surgery* offers a comprehensive overview of the vast topic of reconstructive plastic surgery and its various subspecialties for introductory plastic surgery and surgical science courses.

**No suggested OER currently available for the following subjects:**

- Ophthalmology
- Oral and maxillofacial surgery
- Orthopaedic surgery
- Otolaryngology (head and neck surgery)
- Podiatry
- Thoracic surgery
- Transplant surgery
- Urology
- Vascular surgery

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# Community Rehabilitation & Disability Studies

## Community Rehabilitation

### LGBTQ+ Healthcare: Your Guide to Building an Inclusive Practice

The LGBTQ+ community is diverse. While L, G, B, T, and Q are usually tied together as a single homogeneous entity, each letter represents a wide range of people of different races, ethnicities, ages, socioeconomic statuses and identities (National LGBT Health Education Centre, 2019). Unfortunately, experiences of stigma and discrimination are a common theme that transcends across the entire LGBTQ+ community. While discrimination exists across the community, the manifestations of oppression and discrimination are not a singular occurrence or experience. One area in which there is a long history of discrimination and lack of awareness is within the health care sector.

**Includes:** Cases, glossary, and interactive exercises

**Licence:** CC BY-NC-SA 4.0

## Disability Studies

### Diversity and Difference in Communication (LibreTexts)

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### Just Vibrations: The Purpose of Sounding Good

With recourse to experimental rhetoric, interdisciplinary discretion, and the playful wisdoms of childhood, Cheng contends that reparative attitudes toward music and musicology can serve as barometers of better worlds (Description from resource).

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## Open Access Publishing in European Networks (OAPEN)

OAPEN includes many disability studies-related open access books in their database which, though they are not strictly textbooks, can be incorporated into your course readings. Some of them have CC-BY-4.0 or CC-BY-SA-4.0 copyright licenses that you can adopt, remix, transform, and build upon the original. Search the keyword “disability” and browse. Check the copyright status assigned to selected titles. Refer to the four different copyrights.

The following four titles are examples from the **OAPEN** collection, with portions of descriptions taken from their abstracts.

### 1. *Ableism in Academic*

This edited volume attempts to theorize experiences of Ableism in academia from an interdisciplinary perspective.

**Licence:** CC BY 4.0

### 2. *Disability, Health, and Human Development*

In low-income countries, there has been very little research on disability and its link to deprivations. Much of the research is recent, and research using traditional poverty indicators (e.g., consumption expenditures) paints an unclear picture on the association between disability and deprivations. This is important as the prevalence of health conditions and impairments is expected to rise with an increasing life expectancy and as more policies try to address deprivations in relation to disability. This book asks the following: How should disability be defined to analyze and inform policies related to wellbeing? What is the prevalence of functional difficulties? What inequalities are associated with functional difficulties? What are the economic consequences of functional difficulties? The empirical work is focused on Ethiopia, Malawi, Tanzania, and Uganda.

**Licence:** CC BY 4.0

### 3. *Disability Studies and Spanish Culture*

Disability Studies and Spanish Culture is the first book to apply the tenets of Disability Studies to the Spanish context. While researchers and students of cinema will be particularly interested in the book's detailed analyses of the formal aspects of the films, comics, and novels discussed, readers from backgrounds in history, political science and sociology will all be able to appreciate discussions of contemporary legislation, advocacy groups, cultural perceptions, models of social integration and more. The book is directed, also, toward those readers more familiar with the growing field of Disability Studies itself—making the argument that the specific case of Spanish culture and society speaks to shifts in the social attitudes and theoretical understandings of disability more broadly considered.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).



#### 4. *Physical Disability and Sexuality: Stories from South Africa*

This edited volume explores physical disability and sexuality in South Africa, drawing on past studies, new research conducted by the editors, and first-person narratives from people with physical disabilities in the country.

**Licence:** CC BY 4.0

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# FACULTY OF ARTS

## Faculty Organization in *OER by Discipline Guide*

The Faculty of Arts has been organized alphabetically into the departments identified on the faculty website, followed by any applicable sub-departments or subjects.

Individual Open Educational Resources (OER) are organized alphabetically by title within their subject area.

## Suggested Repositories For...

### General

- OAPEN: Includes freely accessible academic books mainly in the area of humanities and social sciences.

### Geography

- Open Geography Education: Provides free and open textbooks and other online resources in the areas of geography and geospatial technology.

### Psychology

- NOBA: Includes open textbooks in Psychology that can be customized or built from scratch from content licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

### Public Domain Works: Fiction and Non-fiction

- Project Gutenberg: Large collection of eBooks in the Public Domain because the copyright has either expired or the copyright holder has given explicit permission for unlimited non-commercial worldwide use. Contains many classic works of literature.
- Public Domain Core Collection: Includes fiction and non-fiction public domain works that have been adapted for post-secondary use through Pressbooks. This collection is a collaborative project between Ryerson and Brock universities.

## Connect with Libraries and Cultural Resources Support

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting your subject area.

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**Already using an OER? Have you adapted or created an OER?**

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# Department of Anthropology and Archaeology

## Anthropology

### Introduction to Anthropology

Available through OpenStax, this peer-reviewed textbook introduces students to biological, cultural, and linguistic anthropology, and archaeology. As an OpenStax book it includes many instructor resources.

**Includes:** Learning outcomes, key terms, summaries, critical thinking questions, instructor's manual, slides, test bank

**Licence:** CC BY 4.0

## Biological Anthropology

### Biological Anthropology

Available through LibreTexts, this resource covers introductory biological anthropology concepts, including evolution theory, non-human primates, and human evolution.

**Licence:** CC BY-SA 4.0

### Explorations: An Open Invitation to Biological Anthropology

A comprehensive, peer-reviewed open access textbook for biological anthropology courses.

**Includes:** Special topics, review questions, key terms

**Licence:** CC BY-NC 4.0

## Social and Cultural Anthropology

### The Art of Being Human: A Textbook for Cultural Anthropology

This Anthropology textbook has been positively reviewed. It covers introductory concepts in cultural anthropology.

**Includes:** Challenges

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Cultural Anthropology

Based on the Lumen Learning course of the same title, this LibreTexts resource offers an introduction to the study of human cultures, their beliefs, practices, values, ideas, technologies, economies and other domains of social and cognitive organization through first-hand experience or participant observation within living populations of humans.

**Includes:** Key terms and concepts

**Licence:** CC BY-NC-SA 3.0

## How Language Works (Gasser)

This LibreTexts resource looks at a range of introductory topics and themes related to linguistics, the science of language. It examines some of the biases we all have concerning language and uses this as a base for its exploration.

**Includes:** exercises, instructor and student resources.

**Licence:** GPL v3

## Languages and Worldview

Asking and answering questions about what culture entails and examines the fundamental properties and intertwining nature of language and culture. This text explores linguistic relativity, lexical differences among languages and intercultural communication, including high and low contexts.

**Includes:** Videos, transcripts, and exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Perspectives: An Open Invitation to Cultural Anthropology, 2nd Edition

This peer-reviewed textbook is a collection of chapters on the essential topics in cultural anthropology. Each author has written from their experiences working as an anthropologist and that personal touch makes for an accessible introduction to cultural anthropology.

**Includes:** Learning objectives, discussion questions, and glossary

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Archaeology

### Digging into Archaeology: A Brief OER Introduction to Archaeology with Activities

This book is intended for use in a variety of introductory archaeology settings, such as in lectures and lab courses. This text can complement an existing traditional text or completely replace a standard text. It can be used for its activities or as a study resource.

**Includes:** Activities, study questions

**Licence:** CC BY-NC 4.0

### eHRAF Workbook: Introduction to Archaeology

Designed to complement any introductory textbook or anthropology curriculum, eHRAF Workbook activities are presented as PowerPoint slideshows that instructors can modify, share, and upload.

**Licence:** CC BY-NC-SA 4.0

### Introduction to Archaeology: A Workbook

Introduction to Archaeology: A Workbook, is designed to assist students in a Intro to Archaeology course by giving them questions and assignments to reinforce what is learned in the classroom lectures.

**Licence:** CC BY-NC-SA 4.0

### Introduction to Human Osteology

This text was designed for use in the human osteology laboratory classroom. Bones are described to aid in identification of skeletonized remains in either an archaeological or forensic anthropology setting. Basic techniques for siding, aging, sexing, and stature estimation are described. Both images of bone and drawings are included which may be used for study purposes outside of the classroom. The text represents work that has been developed over more than 30 years by its various authors and is meant to present students with the basic analytical tools for the study of human osteology (Description from resource).

**Includes:** Glossary

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Development Studies

### IDRC Books Collection

IDRC (International Development Research Centre) is committed to improving lives and livelihoods by supporting research that addresses critical international development issues. One of the important ways that IDRC and our grantees help to bring about positive change is through our book publishing program, where we share our research results and findings with other researchers, policymakers, and communities globally. Explore the book collection from the last 25 years below, all free for digital download. Hundreds more IDRC books, published from the 1970s to the 1990s, are available through the IDRC Digital Library.

**Licence:** CC BY

### Immigrant and Refugee Families, 2nd Edition: Global Perspectives on Displacement and Resettlement Experiences

This book offers an interdisciplinary perspective on immigrant and refugee families' challenges and resilience across multiple domains, including economic, political, health, and human rights. This new edition has been revised and updated from the original 2016 edition.

**Licence:** CC BY-NC

## International Relations

As a 'Day 0' beginner's guide, this textbook condenses the most important information into the smallest space and present concepts in an accessible way. The chapters build up the foundations for understanding how the world works and then explore the key global issues that concern the discipline – taking readers from no knowledge to competency.

**Licence:** CC BY

### International Relations Theory

This book is designed as a foundational entry point to International Relations theory. Each chapter sets out the basics of a theory whilst also applying it to a real-world event or issue, creating a lively, readable and relevant guide that will help students to see not only what theories are – but why they matter.

**Licence:** CC BY

## Language and Culture in Context: A Primer on Intercultural Communication

This text introduces some of the key concepts in intercultural communication as traditionally presented in (North American) courses and textbooks, namely the study of differences between cultures, as represented in the works and theories of Edward Hall and Geert Hofstede. Common to these approaches is the prominence of context, leading to a view of human interactions as dynamic and changeable, given the complexity of language and culture, as human agents interact with their environments.

**Licence:** CC BY-NC

## Putting Knowledge to Work: Collaborating, Influencing and Learning for International Development

Dramatic changes in the ecosystem for international development are now pressing civil society organizations (CSOs) to invest more in knowledge to remain significant players. While the need for creative thinking and experimentation is greater than ever, there is still very little research published on challenges experienced and solutions found by CSOs as they adjust to the global changes underway. Funders and beneficiaries are pressing CSOs to be more professional and efficient, and more strategic and impactful, but the key role that knowledge plays in the efforts of non-governmental organizations (NGOs) remains often underrated, even by NGOs themselves. *Putting Knowledge to Work* explores how the brains of such organizations actually function to deliver outcomes and impacts. Upstream from end results themselves, the book examines how CSOs access, generate, apply, and grow their intelligence, knowledge, and know-how to protect children, improve public security, reduce ethnic discrimination, grow local value chains, expand water resources, and generally make our societies more inclusive and just. How do CSOs obtain the knowledge they need to accomplish these tasks? How do they cooperate with other organizations to produce workable knowledge? And how do they learn from practice to increase their impact? This book should be read by students and researchers in the field of international development, and those who work at CSOs, in government, and for philanthropic organizations.

**Licence:** CC BY 4.0

## Rethinking Canadian Aid, Second Edition

This revised edition not only analyzes Canada's past development assistance, it also highlights important new opportunities in the context of the recent change in government. Designed to reach a variety of audiences, contributions by twenty scholars and experts in the field offer an incisive examination of Canada's record and initiatives in Canadian foreign aid, including its relatively recent emphasis on maternal and child health and on the extractive sector, as well as the longer-term engagement with state fragility. This book is essential reading for anyone interested in Canada's changing role in the world. (Description from UO Press)

Licence: CC BY-NC-SA 4.0



## SDG Toolkit for Canadian Colleges and Institute

This guide identifies emerging practices in post-secondary settings across Canada that integrate the SDGs explicitly and curates a selection of these into an Open Educational Resource (OER) toolkit and guide to the SDGs for Canadian colleges and institutes.

**Licence:** CC BY-NC-SA

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**No suggested OER currently available for the following subject:** African studies

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Art and Art History

## Art and Art History

### Archives of American Art: Smithsonian Institution

Archives of American Art, Smithsonian Institute, is an excellent image collection containing over 8,000 photographs, sketches, letters, and other documents that have been scanned and individually described.

**Licence:** Please refer to the licence applied to each individual resource as some are within the Public Domain and free to use, while others continue to be restricted use.

### Art Canada

The Canadian Online Art Book Project is a growing digital library of original books commissioned by the Art Canada Institute, on artists who have made a critical contribution to the evolution of the nation's art history. Each year the ACI releases new titles in this program.

**Licence:** Please note that while this resource is free to use, it is not licensed for reuse.

### Art History Archive

The Art History Archive is a learning object repository and an Educational Database Library (EDL) providing educators and students with more comprehensive information about artistic movements, art groups, and specific artists.

**Licence:** Please note that, though free, this resource is not licensed for reuse.

### Art History (Boundless)

Available through LibreTexts, this textbook and associated course content offer an introduction to art history.

**Includes:** Lecture slides, quiz questions

**Licence:** CC BY-NC-SA 3.0

### Art History I

This course is from Lumen Learning, and offered through SUNY.

**Licence:** Various CC licences applied

## Art History II

This course is from Lumen Learning, and offered through SUNY.

**Licence:** Various CC licences applied

## Art History Teaching Resources

AHTR is home to a constantly evolving and collectively authored online repository of art history teaching content including, but not limited to, lesson plans, video introductions to museums, book reviews, image clusters, and classroom and museum activities.

**Licence:** CC BY-NC 4.0 for website content, unless otherwise noted.

## ArtxHistory

A space facilitated by institutions, historians, curators, artists, faculty, and students who are committed to delivering quality scholarship that is accessible, inclusive, and open.

**Includes:** Timeline, videos, and sound recordings

**Licence:** CC BY-NC-SA 4.0

## The Bright Continent: African Art History

This textbook offers an introduction to African art history and provides tools for discussing and analysing African art.

**Includes:** Further reading

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## CanadARThistories

CanadARThistories, a new online course and its associated open learning objects, addresses growing concerns around inclusion, regionalism, Indigenization, and internationalization in art history curricula, and is conceived as a response to these ideas. The course highlights the rich visual and material culture of this land through a series of entries, written by subject experts, that focus on the artistic contributions of Indigenous and settler makers. It can be further shaped

and reshaped to challenge and redistribute the traditional, chronological, and rigid narratives of Canadian art and to encourage learners to be co-constructors of knowledge. The course supports a second-year undergraduate survey of art in Canada (Description from resource).

**Includes:** thematic modules, teacher resources

**Licence:** CC BY-NC-SA 4.0

## Cleveland Museum of Art Open Access

The Cleveland Museum of Art (CMA)'s Open Access Project, launched Jan. 23, 2019, and provides everyone with free, Open Access to 30,000+ high definition images of artworks in CMA's collection. In addition, CMA provides metadata behind 90,000+ artworks allowing for scholarly research.

**Licence:** Please review the licensing applied to individual resources to ensure appropriate use.

## Discover Art & Artists | Open Access at The Art Institute of Chicago

The Art Institute of Chicago has adopted an Open Access Policy on Oct. 23 2018 making 44,300+ public domain works in their collection accessible openly, making these images freely accessible and available for use, sharing, and remixing without restriction by the general public worldwide.

**Licence:** CC0 Public Domain, unless otherwise noted (Note: Make sure available image has CC0 Public Domain Designation.)

## Guide to Ancient Aegean Art

This book from Smarthistory covers Ancient Aegean art, including Cycladic, Minoan, and Mycenaean art.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Guide to Ancient Egyptian Art

This book from Smarthistory covers ancient Egyptian art.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Guide to Ancient Etruscan Art

This book from Smarthistory covers ancient Etruscan art.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Guide to Ancient Greek Art

This book from Smarthistory covers ancient Greek art.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Guide to Ancient Near Eastern Art

This book from Smarthistory covers Sumerian, Akkadian, Neo-Sumerian / Ur III, Babylonian, Assyrian and Persian art.

**Licence:** CC BY-NC-SA 4.0

## Guide to Ancient Roman Art

This book from Smarthistory covers ancient Roman art.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Guide to Byzantine Art

This book from Smarthistory covers Byzantine art.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Guide to Italian Art in the 1300s

This book contains all of Smarthistory's content for Italian art in the 1300s.

**Licence:** CC BY-NC-SA 4.0

## Guide to Italian Art in the 1400s

This book contains all of Smarthistory's content for Italian art in the 1400s.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Indianapolis Museum of Art: Image Collection

Many images of public domain artworks are available for free download from the Indianapolis Museum of Art at Newfields' collection pages.

**Licence:** Please note that most resources on this website are free to use but not licensed for reuse, so each must be checked individually.

## Introduction to Art: Design, Context, and Meaning

*Introduction to Art: Design, Context, and Meaning* offers a comprehensive introduction to the world of Art. Authored by four USG faculty members with advance degrees in the arts, this textbooks offers up-to-date original scholarship. It includes over 400 high-quality images illustrating the history of art, its technical applications, and its many uses. Combining the best elements of both a traditional textbook and a reader, it introduces such issues in art as its meaning and purpose; its meaning and purpose; its structure, material, and form; and its diverse effects on our lives. Its digital nature allows students to follow links to applicable sources and videos, expanding the students' educational experiences beyond the textbook. *Introduction to Art: Design, Context, and Meaning* provides a new and free alternative to traditional textbooks, making it an invaluable resource in our modern age of technology and advancement (Description from resource).

**Includes:** Key terms, reflection questions

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Jacob Lawrence in Seattle

Jacob Lawrence (1917-2000) is widely recognized as one of the most important American artists of the 20th century. He is best known for epic multi-panel narratives like the Migration Series (1940-1941) and *Struggle: from the History of the American People* (1954-56), which he created as a young artist living and working in New York City. The second half of Lawrence's career, which he spent in Seattle as a Professor of Art at the University of Washington, has received

far less attention. The essays in this volume, researched and written by the participants in the Spring 2021 art history seminar “Art and Seattle: Jacob Lawrence” at the University of Washington School of Art + Art History + Design, fill in this gap. In so doing, we take our lead from the artist’s own framing of the Seattle period as a critical stage in his artistic development, in which conceptual and formal concerns explored across his long career converged and became more of the sum of their parts (Description from resource).

**Includes:** course syllabus

**Licence:** CC BY-NC-ND 4.0, Images are licensed separately as indicated

## Making and Being

This hands-on guide includes activities, worksheets, and assignments and is a critical resource for artists and art educators today. Making and Being is a book, a series of videos, a deck of cards, and an interactive website with freely downloadable content (click on links below to download worksheets, activities, and chapters as PDFs and editable Google Docs).

**Licence:** CC BY-SA 4.0

## Modernism and the Spiritual in Russian Art: New Perspectives

This edited volume introduces new and stimulating approaches to the ongoing debate as to how Russian artistic modernism engaged with questions of spirituality in the late nineteenth to mid-twentieth centuries.

**Licence:** CC BY 4.0

## Moving Pictures: An Introduction to Cinema

A free and open-source introduction to the art and science of moving pictures, offering in-depth exploration of how cinema communicates, and what, exactly, it is trying to say (Description from resource). This textbook is designed for an introductory film studies course.

**Includes:** Embedded videos

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## 19th Century European Art History: Short Histories of Major Art Movements and Select Artists from ART 305 [New]

What happens when a class shares their collective knowledge about their subject, rather than hiding it away and stuffing it down in individual memory? A textbook that is formed by the meeting of the minds! As part of the ART 305 19th

Century European Art History move to online during the pandemic, a collective project was born: creating a digital open-education resource, free to any who choose to access it, and a way for the individuals in class to be part of a greater community in an online learning environment. With some chapters authored by the instructor of the class and others created by the students as a result of their term's research, this text is a growing document that will encompass past, present, and future learners as their collective body of knowledge grows. Within the parameters of 19th Century European Art History this text begins with the influence and beginnings of change during the Rococo era in France and progresses through time until the beginning of the 20th century. Each chapter marks a specific era or a specific artist and chapters are individually authored [Description from resource].

**Includes:** student authored content, self-reflection questions

**Licence:** CC BY-NC-SA

## Obelisk Art History

Obelisk can be used as a textbook for art history or as a resource to support one. More than 100 universities and colleges around the world send students here to dig into the timeline of art and tackle basics like composition and history methodologies.

**Includes:** Timeline, world map

**Licence:** Please note that while the website is free to use, it is not licensed for reuse as an OER.

## Open Arts Objects

Open Arts Objects (OAO) is an open access platform which provides over 50 free films to support the teaching of Art History. This platform is available through the Open Arts Archive hosted by the Art History Department at the Open University (Descriptions from resource).

## A Quick and Dirty Guide to Art, Music, and Culture

An open textbook by The Ohio State University that discusses art and music in the context of popular culture. It is meant to work with the open course *Art and Music Since 1945*.

**Includes:** Assignments, supplementary course materials.

**Licence:** CC BY 4.0

## A World Perspective of Art Appreciation

Available through LibreTexts, Art appreciation is centered on the ability to view art throughout history, focusing on the cultures and the people, and how art developed in the specific periods. You cannot understand art without



understanding the culture, their use of materials and sense of beauty. Art is also conveyed by the simple act of creating art for art's sake. Every person is born with the innate desire to create art and similar to other professions, training is essential in honing skills to produce art.

**Includes:** Glossary, images, and videos

**Licence:** CC BY 4.0

## Visual Studies

### Art Appreciation

This course from Lumen Learning investigates how quality is determined and created by artists in order to evaluate and appreciate art on a deeper level, and emphasizes why each topic contributes to valuing a piece of art and provides the necessary knowledge to do so. Students are first introduced to the elements and principles of art and the importance of artists' context and perspective. The course then covers different periods in art history, different techniques in art, and how to research and evaluate art.

**Licence:** Various CC licences

### Art Appreciation Open Educational Resources

From East Tennessee State University, this course explores the world's visual arts, focusing on the development of visual awareness, assessment, and appreciation by examining a variety of styles from various periods and cultures while emphasizing the development of a common visual language. The materials are meant to foster a broader understanding of the role of visual art in human culture and experience from the prehistoric through the contemporary.

**Licence:** CC BY-NC-SA

### Art History I

This course is from Lumen Learning, and offered through SUNY.

**Licence:** Various CC licences

### Art History Teaching Resources

AHTR is a peer-populated platform for art history teachers and home to a constantly evolving and collectively authored online repository of art history teaching content including, but not limited to, lesson plans, video introductions to museums, book reviews, image clusters, and classroom and museum activities. The site promotes discussion and

reflection around new ways of teaching and learning in the art history classroom through a peer-populated blog, and fosters a collaborative virtual community for art history instructors at all career stages.

**Licence:** CC BY-NC

## ARTH 101: Art Appreciation

This course from Saylor, is an exploration of visual art forms and their cultural connections across historical periods, designed for the student with little experience in the visual arts. It includes brief studies in art history, and in-depth inquiry into the elements, media and methods used in a wide range of creative processes.

**Licence:** CC BY

## ArtxHistory

An educational resource of commonly available images, videos, mini-lectures and scholarship of the decades which influenced or defined the mid-century through contemporary art. Most links are concise in content, of prevalent works of art in the early or mature stage of an artist's career, sourced from museum, academic, journalistic and for profit institutions. The core intent is to offer an art history that replaces the dominant white, male, heteronormative, advantaged, celebrity narratives for a more inclusive history balanced with the work of women, artists of color, LGBTQIA+ persons, intersectional makers, and the self-taught.

**Licence:** CC BY-NC-SA

## The Bright Continent: African Art History

This book aims to act as your map through the world of African art. As such, it will help you define the competencies you need to develop—visual analysis, research, noting what information is critical, asking questions, and writing down your observations—and provide opportunities for you to practice these skills until you are proficient. It will also expose you to new art forms and the worlds that produced them, enriching your understanding and appreciation.

**Licence:** CC BY-NC-SA

## WISC-Online Visual Arts Learning Objects

A collection of learning objects on topics related to visual arts.

**Licence:** CC BY-NC

**No suggested OER currently available for the following subject:** Museum and heritage studies

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

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Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Classics and Religion

## Classics (General)

### Public Domain Core Collection [New]

Includes fiction and non-fiction public domain works that have been adapted for post-secondary use through Pressbooks. This collection is a collaborative project between Ryerson and Brock universities. Many of the works include audiobook recordings as well.

**Licence:** Public Domain

### Western Civilization

This peer-reviewed, open Lumen Learning course covers introductory concepts in western civilization, from the Hittites to the Protestant Reformation.

**Includes:** Key terms

**Licence:** CC BY 4.0, unless otherwise noted.

## Ancient and Medieval History

### The Ancient and Medieval World

This introductory text is organized in a modular format, with a general introduction to each topic, a timeline and relevant maps, several primary documents to help students to better understand the time period, and at least two visual or audio sources to add a different dimension to that understanding.

**Includes:** Questions for consideration, glossary

**Licence:** CC BY 4.0

### Manuscripts Online: Written Culture 1000 to 1500

This resource is a collection of manuscripts with introductions. Please note that while free to use, the material on this site are typically not licensed for editing or remixing.

**Licence:** Copyright holders have made content on the website available for educational purposes for free, however they are not openly licence.

## Middle English Dictionary

The world's largest searchable database of Middle English lexicon and usage for the period 1100-1500. An invaluable resource for lexicographers, language scholars, and all scholars in medieval studies.

**Licence:** Copyright holders have made content on the website available for educational purposes for free, however they are not openly licence.

## Western Civilization: A Concise History – Volume 1

Western Civilization: A Concise History is available in three volumes. Volume 1 covers introductory concepts in western civilization, from the origins of civilization in Mesopotamia c. 8,000 BCE through the early Middle Ages in Europe c. 1,000 CE. Topics include Mesopotamia, Egypt, Persia, Greece, Rome, the Islamic caliphates, and the early European Middle Ages.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Western Civilization: A Concise History – Volume 2

Volume 2 looks at the early Middle Ages to the French Revolution in 1789 CE. This volume covers topics including the High Middle Ages, the Renaissance, the European conquest of the Americas, the Reformation, the Scientific Revolution, and the Enlightenment.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## World History: Cultures, States, and Societies to 1500

This text offers a comprehensive introduction to the history of humankind from prehistory to 1500, covering such cultures, states, and societies as Ancient Mesopotamia, Ancient Israel, Dynastic Egypt, India's Classical Age, the Dynasties of China, Archaic Greece, the Roman Empire, Islam, Medieval Africa, the Americas, and the Khanates of Central Asia.

**Includes:** Summary, key terms

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Greek and Roman Studies

### Brevissima: 1001 Tiny Latin Poems

This book is divided into 3 parts, with Part 1 containing only the most commonly used Latin vocabulary, Part 2 containing a word that is less commonly used, and part 3 containing two words which are less commonly used.

**Licence:** CC BY-NC-SA 4.0

### Cicero, Against Verres, 2.1.53-86. Latin Text with Introduction, Study Questions, Commentary and English Translation

This volume provides a portion of the original text of Cicero's speech in Latin, a detailed commentary, study aids, and a translation.

**Includes:** Vocabulary, map

**Licence:** CC BY 4.0

### Cicero, On Pompey's Command (De Imperio), 27-49. Latin Text, Study Aids with Vocabulary, Commentary, and Translation

This course book offers a portion of the original Latin text, vocabulary, and commentary.

**Includes:** Vocabulary terms

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Latin Via Proverbs

These Latin proverbs are organized by grammatical categories, so that they can be used with students at various levels.

**Licence:** CC BY-NC-SA 4.0

## Mille Fabulae et Una: 1001 Aesop's Fables in Latin

These fables are organized by main character. An overview of the fable genre is also included.

**Licence:** CC BY-NC-SA 4.0

## Mythology Unbound: An Online Textbook for Classical Mythology

This text covers introductory concepts in classical mythology, from Aegis to Zeus.

Descriptions of figures found in classical mythology. There are actually many different types of myth, not just three. In fact, there are several entire theories of myth. The theoretical study of myth is very complex; many books have been written about theories of myth, and we could have an entire class just on theories of myth (without studying any of the myths themselves). The problem with theories of myth, however, is that they are not very good; they don't do a great job of explaining the myths or in helping us understand them. Furthermore, the myths themselves are much more interesting than the theories. For this reason, this textbook will not say very much about the theories of myth. But we don't want to ignore the theoretical study of myth entirely, so we will limit ourselves to discussing only three types of myth (Description from resource). 1

**Includes:** Map

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**Reviews:** Available through the Open Textbook Library

## Ovid, Amores (Book 1)

From Catullus to Horace, the tradition of Latin erotic poetry produced works of literature which are still read throughout the world. Ovid's Amores, written in the first century BC, is arguably the best-known and most popular collection in this tradition. Introductory essays included.

**Includes:** Suggested reading, embedded audio files of the original text read aloud

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Ovid, Metamorphoses, 3.511-733. Latin Text with Commentary

This course book offers a wide-ranging introduction, the original Latin text, study aids with vocabulary, and an extensive commentary. This extract from Ovid's 'Theban History' recounts the confrontation of Pentheus, king of Thebes, with his divine cousin, Bacchus, the god of wine.

**Includes:** Commentary, glossary

**Licence:** CC BY 4.0

## The Roman Empire

This open access text covers introductory concepts in the roman empire.

**Includes:** Timeline

**Licence:** CC BY-NC-ND 4.0 (Note this resource is free, but adapting or remixing is restricted)

## Roman Gods

This open access book analyzes the pagan, Jewish, and Christian concepts of “god” along the lines of space, time, personnel, function, iconography and ritual.

**Licence:** CC BY-NC 4.0

## Tacitus, Annals, 15.20-23, 33-45. Latin Text, Study Aids with Vocabulary, and Commentary

This course book offers a portion of the original Latin text, study aids with vocabulary, and a commentary. It extends beyond detailed linguistic analysis and historical background to encourage critical engagement with Tacitus’ prose and discussion of the most recent scholarly thought.

**Includes:** Vocabulary aid, maps, family tree

**Licence:** CC BY 3.0

**Reviews:** Available through the Open Textbook Library

## Virgil, Aeneid, 4.1-299. Latin Text, Study Questions, Commentary and Interpretative Essays

This course book offers a portion of the original Latin text, study questions, a commentary, and interpretative essays. Designed to stretch and stimulate readers, Ingo Gildenhard’s incisive commentary will be of particular interest to students of Latin at both A2 and undergraduate level. It extends beyond detailed linguistic analysis to encourage critical engagement with Virgil’s poetry and discussion of the most recent scholarly thought.

**Includes:** Study questions, bibliography

**Licence:** CC BY-NC 3.0

**Reviews:** Available through the Open Textbook Library



## Vulgate Verses: 4000 Verses from the Bible for Teachers and Students of Latin

These Latin verses are organized by grammatical categories, so that they can be used with students at various levels.

**Licence:** CC BY-NC-SA 4.0

## Religious Studies

### Christianity, Islam, and Orisa Religion: Three Traditions in Comparison and Interaction

The Yoruba of southwestern Nigeria are exceptional for the copresence among them of three religious traditions: Islam, Christianity, and the indigenous oriša religion. In this comparative study, at once historical and anthropological, Peel explores the intertwined character of the three religions and the dense imbrication of religion in all aspects of Yoruba history up to the present.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Cultural Worlds of the Jesuits in Colonial Latin America

This volume of 12 essays includes papers from scholars of history, linguistics, religion, art, architecture, music, medicine and science. Please note that although this book is free to read and redistribute, it is not licensed for editing or remixing.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### The Emergence of Modern Hinduism: Religion on the Margins of Colonialism

The Emergence of Modern Hinduism argues for the importance of regional, vernacular innovation in processes of Hindu modernization.

**Licence:** CC BY-NC 4.0

### Essays in Anarchism and Religion

Anarchism and religion have historically had an uneasy relationship. Yet, ever since the emergence of anarchism as an intellectual and political movement, a considerable number of religious anarchists have insisted that their religious tradition necessarily implies an anarchist political stance. Their stories are finally gaining increasing public and scholarly attention. Reflecting both a rise of interest in anarchist ideas and activism on the one hand, and the revival of religious ideas and movements in the political sphere on the other, this book examines a range of examples of overlaps and contestations between the two from a diverse range of academic perspectives. The first pioneering volume of Essays in Anarchism & Religion comprises eight essays from leading international scholars on topics ranging from the anarchism

of the historical Jesus to Zen Buddhism and the philosophies of Max Stirner and Pierre-Joseph Proudhon. In a world where political ideas increasingly matter once more, and religion is an increasingly visible aspect of global political life, these essays offer scholarly analysis of overlooked activists, ideas and movements, and as such reveal the possibility of a powerful critique of contemporary global society.

**Licence:** CC BY 4.0

## Ethnicity, Race, Religion: Identities and Ideologies in Early Jewish and Christian Texts, and in Modern Biblical Interpretation

Religion, ethnicity and race are facets of identity that have become increasingly contested. The modern discipline of biblical studies developed in the context of Western Europe, concurrent with the emergence of various racial and imperial ideologies. The essays in this volume deal both with historical facets of ethnicity and race in antiquity, in particular in relation to the identities of Jews and Christians, and also with the critique of scholarly ideologies and racial assumptions which have shaped biblical studies.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Exploring Jesuit Distinctiveness: Interdisciplinary Perspectives on Ways of Proceeding within the Society of Jesus

This volume presents twelve essays from the First International Symposium on Jesuit Studies, on the theme of the distinctiveness of Jesuits and their ministries.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Faithful Translators: Authorship, Gender, and Religion in Early Modern England

With *Faithful Translators* Jaime Goodrich offers the first in-depth examination of women's devotional translations and of religious translations in general within early modern England. Placing female translators such as Queen Elizabeth I and Mary Sidney Herbert, Countess of Pembroke, alongside their male counterparts, such as Sir Thomas More and Sir Philip Sidney, Goodrich argues that both male and female translators constructed authorial poses that allowed their works to serve four distinct cultural functions: creating privacy, spreading propaganda, providing counsel, and representing religious groups. Ultimately, *Faithful Translators* calls for a reconsideration of the apparent simplicity of "faithful" translations and aims to reconfigure perceptions of early modern authorship, translation, and women writers.

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## The Future of Catholic Theological Ethics

This edited volume undertakes a search for new ways of making Catholic theological ethics relevant.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Hindu Pluralism: Religion and the Public Sphere in Early Modern South India

In *Hindu Pluralism*, Elaine M. Fisher complicates the traditional scholarly narrative of the unification of Hinduism. By calling into question the colonial categories implicit in the term “sectarianism,” Fisher’s work excavates the pluralistic textures of precolonial Hinduism in the centuries prior to British intervention. Drawing on previously unpublished sources in Sanskrit, Tamil, and Telugu, Fisher argues that the performance of plural religious identities in public space in Indian early modernity paved the way for the emergence of a distinctively non-Western form of religious pluralism. This work provides a critical resource for understanding how Hinduism developed in the early modern period, a crucial era that set the tenor for religion’s role in public life in India through the present day.

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## Introduction to Philosophy: Philosophy of Religion

*Introduction to Philosophy: Philosophy of Religion* introduces some of the major traditional arguments for and against the existence of God, as well as some less well-known, but thought-provoking arguments for the existence of God, and one of the most important new challenges to religious belief from the Cognitive Science of Religion. An introductory chapter traces the connection between philosophy and religion throughout Western history, and a final chapter addresses the place of non-Western and non-monotheistic religions within contemporary philosophy of religion.

**Includes:** Glossary, questions to consider

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Jesuits in Spanish America before the Suppression: Organization and Demographic and Quantitative Perspectives

This book covers the period from the role members of the Society of Jesus played in urban life in Spanish American and as administrators of frontier missions, from the late sixteenth century until their expulsion in 1767. Please note that although this book is free to read and redistribute, it is not licensed for editing or remixing.

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## Jewish Religion After Theology

*Jewish Religion After Theology* ponders one of the most intriguing shifts in modern Jewish thought: from a metaphysical and theological standpoint toward a new manner of philosophizing based primarily on practice. Different chapters study this great shift and its various manifestations. The central figure of this new examination is Isaiah Leibowitz, whose

thoughts encapsulate more than any other Jewish thinker this stance of religion without metaphysics. Sagi explores corresponding issues such as observance, the possibility of pluralism, the meaning of penance without messianic suppositions, and pragmatic coping with theodicy after the Holocaust, presenting the different possibilities within this great alteration in Jewish thought.

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## Introduction to Medieval and Early Modern Experiences of Gender and Faith

An open access chapter within *Lived Religion and Gender in Late Medieval and Early Modern Europe*, this study is an exploration of lived religion and gender across the Reformation, from the fourteenth to the eighteenth centuries. Combining conceptual development with empirical history, the authors explore these two topics via themes of power, agency, work, family, sainthood, and witchcraft.

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## The Land, the Bible, and History

This edited volume presents a Catholic view of the Promised Land—as concept, history, and contested terrain—in Catholic teaching and doctrine.

**Licence:** CC BY 4.0

## Lived Religion in the Ancient Mediterranean World

The Lived Ancient Religion project has radically changed perspectives on ancient religions and their supposedly personal or public character. This volume applies and further develops these methodological tools, new perspectives and new questions. The religious transformations of the Roman Imperial period appear in new light and more nuances by comparative confrontation and the integration of many disciplines. The contributions are written by specialists from a variety of disciplinary contexts (Jewish Studies, Theology, Classics, Early Christian Studies) dealing with the history of religion of the Mediterranean, West-Asian, and European area from the (late) Hellenistic period to the (early) Middle Ages and shaped by their intensive exchange. From the point of view of their respective fields of research, the contributors engage with discourses on agency, embodiment, appropriation and experience. They present innovative research in four fields also of theoretical debate, which are “Experiencing the Religious”, “Switching the Code”, „A Thing Called Body“ and “Commemorating the Moment” (Description from resource).

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## Making Religion and Human Rights at the United Nations

The series Religion and Society (RS) contributes to the exploration of religions as social systems– both in Western and non-Western societies; in particular, it examines religions in their differentiation from, and intersection with, other

cultural systems, such as art, economy, law and politics. Due attention is given to paradigmatic case or comparative studies that exhibit a clear theoretical orientation with the empirical and historical data of religion and such aspects of religion as ritual, the religious imagination, constructions of tradition, iconography, or media. In addition, the formation of religious communities, their construction of identity, and their relation to society and the wider public are key issues of this series.

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## Marking the Face, Curing the Soul? Reading the Disfigurement of Women in the Later Middle Ages (Chapter 9)

This is an open access chapter within *Medicine, Religion and Gender in Medieval Culture*.

Current preoccupations with the body have led to a growing interest in the intersections between religion, literature and the history of medicine, and, more specifically, how they converge within a given culture. This collection of essays explores the ways in which aspects of medieval culture were predicated upon an interaction between medical and religious discourses, particularly those inflected by contemporary gendered ideologies. The essays interrogate this convergence broadly in a number of different ways: textually, conceptually, historically, socially and culturally. They argue for an inextricable relationship between the physical and spiritual in accounts of health, illness and disability, and demonstrate how medical, religious and gender discourses were integrated in medieval culture.

**Licence:** CC BY-NC 3.0

## Medicine – Religion – Spirituality: Global Perspectives on Traditional, Complementary, and Alternative Healing

In modern societies the functional differentiation of medicine and religion is the predominant paradigm. Contemporary therapeutic practices and concepts in healing systems, such as Transpersonal Psychology, Ayurveda, as well as Buddhist and Anthroposophic medicine, however, are shaped by medical as well as religious or spiritual elements. This book investigates configurations of the entanglement between medicine, religion, and spirituality in Europe, Asia, North America, and Africa.

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## On the Significance of Religion for Global Diplomacy

What could it mean, in terms of strengthening multilateral diplomacy, if the UN, the Organisation for Security and Cooperation in Europe (OSCE), the European Union, and other regional diplomatic frameworks engaged more creatively with a religious perspective? In this ground-breaking volume it is argued that international organisations, backed by governments, can and should use their convening power to initiate new, multi-layered frameworks of engagement, inclusive of the representatives of religion.

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## On the Significance of Religion in Conflict and Conflict Resolution

In this essay collection, the authors analyze the role of religion in conflict and conflict resolution. They do so from the perspectives of Judaism, Christianity and Islam, while bringing different disciplines into play, including peace and conflict studies, religious studies, theology and ethics.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access chapter which restricts remixing and adapting).

## Philosophy of Western Religions (Levin et al.)

Available through LibreTexts, this open textbook is appropriate for an introductory philosophy of religion class.

**Includes:** Review and discussion questions

**Licence:** CC BY 4.0

## Politics, Religion and Gender: Framing and Regulating the Veil

Heated debates about Muslim women's veiling practices have regularly attracted the attention of European policymakers over the last decade. Seeking to establish why the issue has become part of the disciplinary practices of some European countries but not of others, this work brings together an important collection of interpretative research regarding the current debates on the veil in Europe, offering an interdisciplinary scope and European-wide setting. Brought together through a common research methodology, the contributors focus on the different religious, political and cultural meanings of the veiling issue across eight countries and develop a comparative explanation of veiling regimes. This work will be of great interest to students and scholars of religion & politics, gender studies and multiculturalism.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access chapter which restricts remixing and adapting).

## Power and Religion in Baroque Rome

This study analyzes the ways in which a variety of cultural manifestations were the necessary preconditions for (religious) policy and power in the Rome of Urban VIII (1623-1644).

**Licence:** CC BY-NC 4.0

## The Religion of the Ancient Celts

This digitized book was written in 1911 by John Arnott MacCulloch.

**Licence:** Public Domain

## The Sacred and the Sovereign

This collection features seven articles which tackle the subject of religion and its resurgence in international politics from diverse approaches.

**Licence:** CC BY-NC 4.0

## Sacred Views of Saint Francis: The Sacro Monte di Orta

This is the first significant scholarly work on the Sacro Monte di Orta in English. It includes a catalogue of artists, over one hundred photographs, maps, short essays on each chapel, and longer essays that examine some of the most significant chapels in greater detail.

**Licence:** CC BY-NC-SA 4.0

## Six Ways of Being Religious: A Framework for Comparative Studies of Religion

The book proposes the hypothesis that six generic ways of being religious may be found in any large-scale religious tradition such as Christianity or Buddhism or Islam or Hinduism: sacred rite, right action, devotion, shamanic mediation, mystical quest, and reasoned inquiry. These are recurrent ways in which, socially and individually, devout members of these traditions take up and appropriate their stories and symbols in order to draw near to, and come into right relationship with, what the traditions attest to be the ultimate reality.

**Includes:** Chapter summaries, study questions, and glossary

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## South and East Asian Philosopher Reader: An Open Educational Resource

This Introduction to South and East Asian Philosopher Reader was developed as an Open Textbook for use in a lower-level Philosophy course at a California community college. It contains many of the classic and important works in East and South Asian Philosophies as well as some historical and biographical information. This work is effectively an anthology of many important works in Philosophy that are freely available.

**Licence:** CC BY-NC-SA 4.0

## Studying the Bible: The Tanakh and Early Christian Writings

*Studying the Bible: The Tanakh and Early Christian Writings* is a university-level, textbook introduction to the study of the Bible, its literary forms, and historical and cultural contexts. This textbook examines the Hebrew Bible (also known

as the Tanakh) and the early Christian writings of the New Testament. It is an introduction to the analysis of biblical texts, their histories, and their interpretations. The emphasis throughout this textbook is on the literary qualities of these biblical texts as well as their cultural and historical contexts.

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## World Religions: the Spirit Searching

This text, while full of various ways that people have searched and discovered and created, covers a few of the bigger traditions in our world. Each chapter introduces the reader to some ideas from that specific tradition that enlighten them as to how a specific group of people think, believe, and live.

**Includes:** Videos, links to resources

**Licence:** CC BY-NC-SA 4.0

## The Years of Jesuit Suppression, 1773-1814: Survival, Setbacks, and Transformation

This book covers the forty-one years between the Society of Jesus's papal suppression in 1773 and its eventual restoration in 1814. Please note that although this book is free to read and redistribute, it is not licensed for editing or remixing.

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## South Asian Studies

### Hindu Pluralism: Religion and the Public Sphere in Early Modern South India

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**Already using an OER? Have you adapted or created an OER?**

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# Department of Communication, Media and Film

## Communication

### Be Credible

This book teaches college-level journalism and strategic communication students to become information experts.

**Licence:** CC BY-NC

## Business Communications

Students will learn how to analyze context and audience, determine purpose, message content, visual design and media in order to create written workplace messages that can be received, understood, used and retrieved with speed and accuracy.

**Licence:** CC BY

## Business Communications 2

This course explores the many strategies and methods one might employ to ensure important messages are communicated in a professional manner. This course establishes business communication fundamentals such as delivering bad news, writing informational reports, creating persuading messages, designing and delivering professional presentations, and preparing for employment searches.

**Licence:** CC BY

## Communication in the Real World: An Introduction to Communication Studies

This book overviews the time-tested conceptual foundations of the field, while incorporating the latest research and cutting-edge applications of these basics. Each chapter will include timely, concrete, and real-life examples of communication concepts in action.

**Licence:** CC BY-NC-SA

## Communication Theory

This Wikibook is an introduction to communication theory – the theory of how humans share, encode, and decode what they know, what they need, and what they expect from each other.

**Licence:** CC BY-SA

## Digital Photography for Graphic Communications

The purpose of this book is to serve as a reference for a one-semester course in digital photography for graphic communications. Since digital cameras have mostly replaced colour scanners, graphic communicators need to capture images for use in magazines, catalogs, brochures, packages, signs, banners—all forms of printed materials—and also for eBooks, web sites, and apps. It is based on a 2009 print book by the authors that was called *Digital Photography for Print* and published by the Printing Industries of America (PIA) Press.

**Licence:** CC BY

## A Guide to Technical Communications: Strategies & Applications

This open textbook was designed for Engineering Technical Communications courses at The Ohio State University.

**Licence:** CC BY-NC

## Information Strategies for Communicators

The definitive text for the information search and evaluation process as practiced by news and strategic communication message producers.

**Licence:** CC BY

## Interpersonal Communication: A Mindful Approach to Relationships

This book helps readers examine their own one-on-one communicative interactions using a mindfulness lens and incorporating the latest communication theory and research to help students navigate everyday interpersonal interactions. The book cover topics typically taught in an undergraduate interpersonal communication course: family interactions, interpersonal dynamics, language, listening, nonverbal communication, and romantic relationships, as well as exploring emerging areas such as self-compassion, body positivity, friendships, and “the dark side”.

**Licence:** CC BY-BC-SA

## Key Concepts in Surveillance Studies

A student-authored glossary highlighting twenty-six key concepts in Surveillance Studies. For each concept, the student provided a concise definition of the concept that makes its connection to surveillance studies clear and provided an example.

**Licence:** CC BY-NC-SA

## Management Communication

From the Marriott School of Business at Brigham Young University, this open textbook addresses business communication which is concise, direct, clear, and compelling. Communication is the heart of business. Short emails, complex reports, private chats, impassioned pitches, formal presentations, and team meetings move information and ideas around an organization, define strategy, and drive decisions.

**Licence:** CC BY-SA

## Organizational Communication

This textbook helps students demonstrate an understanding of key topics and concepts, including communication networks, media management, organizational culture and climate, intercultural communication, meetings management, ethical communication, assessing communication quality, and crisis communication – and the impact of social technologies.

**Licence:** CC BY-SA

## STEM Foundations

This course offers practice using workplace communication, with activities designed to strengthen skills in preparation for entering a college program in a STEM career.

**Licence:** CC BY-NC-SA

## WISC-Online Communication Learning Objects

A collection of learning objects on various communication topics.

**Licence:** CC BY-NC

## Write Like a PR Pro

Write Like a PR Pro covers how to write and develop messages in different formats from professionals with expertise in different areas of communication. It was written by an instructor who teaches at The Ohio State University.

**Licence:** CC BY-NC

## Film Studies

### The Altering Eye: Contemporary International Cinema

The Altering Eye covers a “golden age” of international cinema from the end of WWII through to the New German Cinema of the 1970s. Combining historical, political, and textual analysis, Kolker develops a pattern of cinematic invention and experimentation from neorealism through the modernist interventions of Jean-Luc Godard and Rainer Werner Fassbinder, focusing along the way on such major figures as Luis Buñuel, Joseph Losey, the Brazilian director Glauber Rocha, and the work of major Cuban filmmakers.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Exploring Movie Construction and Production: What’s so Exciting about Movies?

This open textbook contains eight chapters of the major areas of film construction and production, including: theme; genre; narrative structure; character portrayal; story; plot; directing style; cinematography; and editing.

**Includes:** Assignments, vocabulary

**Licence:** CC BY-NC-SA 4.0

### Film and the City: The Urban Imaginary in Canadian Cinema

Examining fourteen Canadian films produced from 1989 to 2007, including Denys Arcand’s *Jésus de Montréal* (1989), Jean-Claude Lauzon’s *Léolo* (1992), Mina Shum’s *Double Happiness* (1994), Clément Virgo’s *Rude* (1995), and Guy Maddin’s *My Winnipeg* (2007), *Film and the City* is the first comprehensive study of Canadian film and “urbanity”—the totality of urban culture and life. Please note that while available for free download, this book is not licensed for edits.

**Licence:** CC BY-NC-ND 2.5 CA

## Film Appreciation

This open textbook covers narration, film history, mise-on-scène, cinematography, editing, sound, genre, writing film analysis.

**Includes:** Embedded video, glossary

**Licence:** CC BY 4.0

## Moving Pictures: An Introduction to Cinema

A free and open-source introduction to the art and science of moving pictures, offering in-depth exploration of how cinema communicates, and what, exactly, it is trying to say.

**Includes:** Embedded film clips as examples

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Media Studies

### Foundations in Visual Media Production

This textbook is designed as an introduction to the *process* of producing visual media.

**Licence:** CC BY-SA

### Humans R Social Media

Social media and humans exist in a world of mutual influence, and humans play central roles in how this influence is mediated and transferred. Originally created by University of Arizona Information scholar Diana Daly, this Third Edition of the book *Humans R Social Media* uses plain language and features contributions by students to help readers understand how we as humans shape social media, and how social media shapes our world in turn.

**Licence:** CC BY

## Media Programming

The Media Programming course contextualizes the task of programming by focusing on media, such as images, audio, and interactive systems. By doing so, we hope to put programming in a relevant context. For example, iteration is a

programming concept that is essential to creating negative and grayscale images. You will learn algorithms for blending two images together and how hierarchical relationships are used to organize elements of a user interface.

**Licence:** CC BY-NC-SA

## Social Media & the Self

*Social Media & the Self* is intended to serve students enrolled in media and communication courses...It's an *open reader*: a collection of works available on the open web, selected and ordered with university courses in mind. Each of its component works already carries an open access license, or—in the case of copyrighted items—links to a web version (description from resource).

**Licence:** CC BY-NC

## The Social Media Reader

This book covers a wide-ranging topical terrain, much like the internet itself, with particular emphasis on collaboration and sharing, the politics of social media and social networking, Free Culture and copyright politics, and labour and ownership. Theorizing new models of collaboration, identity, commerce, copyright, ownership, and labor, these essays outline possibilities for cultural democracy that arise when the formerly passive audience becomes active cultural creators, while warning of the dystopian potential of new forms of surveillance and control.

**Licence:** CC BY-NC-SA

## Trends in Digital and Social Media

Social media and other digital devices have entered our collective bloodstream. This e-book touches upon the human experience of contemporary trends that affect how we perceive ourselves, others, and society.

**Licence:** CC BY-SA

## Visual Communication

A general education textbook for the study of visual rhetoric and the use of visual media as a means for conveying information to an audience. In particular, we will limit our attention to the use of still imagery because of the vast, openly available repositories of visual media and the simplicity of manipulating them.

**Licence:** CC BY-NC-SA

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# Department of Economics

## Advanced Macroeconomics: An Easy Guide

This graduate level book introduces the tools of dynamic optimization in the context of economic growth, and then applies them to a wide range of policy questions. It does so with the requisite rigor, but also with a light touch, and an unyielding focus on their application to policy-making.

**Includes:** Appendices

**Licence:** CC BY-NC 4.0

## Applied Calculus

This Lumen Learning book and associated course homepage and materials covers all of the concepts of first-year calculus with a balance of application and theory, applied to economic and business contexts.

**Includes:** Exercises, videos, homework

**Licence:** CC BY 4.0, unless otherwise noted.

## Building a Competitive First Nation Investment Climate

This textbook has been designed for those interested in First Nation and tribal governments building an investment climate that is strong and competitive. Topics within the textbook include introducing institutional and Indigenous economies. It covers the investment climate and transaction costs as well as how to establish property rights systems to facilitate investment and the legal framework that is necessary to support investment. Finally, it covers three elements of a competitive First Nation investment climate which are a fiscal framework, a building infrastructure framework, and an administration framework (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC 4.0

## CORE

CORE (Curriculum Open-access Resources in Economics) provides open access interactive eBooks in Economics.

**Includes:** Exercises, videos, glossary

**Licence:** Material is licensed using the more restrictive CC BY-NC-ND license, materials can not be edited or remixed.

## Economic Aspects of the Indigenous Experience in Canada

This text explores the economic history and potential of Indigenous peoples in Canada.

**Includes:** Summary, reflection questions, suggested activities

**Licence:** CC BY 4.0

## Future Energy: Opportunities & Challenges

How can we produce enough sustainable energy while avoiding unacceptable environmental consequences? To evaluate the various energy options, we must understand the science of each potential energy source and energy use technology. This book presents the science in an easy-to-understand way to enable readers to make informed decisions about what is possible and practical, and to choose lifestyle options to implement in their personal lives (Description from resource).

**Licence:** CC BY 4.0

## Introduction to Energy and Earth Sciences Economics

This textbook is an introduction to microeconomic fundamentals with a focus on the applications of economics to energy and environmental markets. It introduces the economic method of analysis to the environmental and resource questions facing society.

**Licence:** CC BY-NC-SA 4.0

## Principles of Economics 3e (OpenStax) [New]

*Principles of Economics 3e* covers the scope and sequence of most introductory economics courses. The third edition takes a balanced approach to the theory and application of economics concepts. The text uses conversational language and ample illustrations to explore economic theories, and provides a wide array of examples using both fictional and real-world scenarios. The third edition has been carefully and thoroughly updated to reflect current data and understanding, as well as to provide a deeper background in diverse contributors and their impacts on economic thought and analysis. For example, the third edition highlights the research and views of a broader group of economists. Brief references and deeply explored socio-political examples have been updated to showcase the critical – and sometimes unnoticed – ties between economic developments and topics relevant to students. [Description from resource].

**Includes:** Test bank, discussion questions, video guide, and test bank.

**Licence:** CC BY

**Reviews:** Available through Open Textbook Library.

## Principles of Macroeconomic Literacy

This textbook emphasizes basic economic concepts such as value and cost in developing macroeconomic ideas. Students learn concepts involving credit markets, economic planning, and money through short fictional stories in which characters interact in an attempt to make themselves better off.

**Includes:** Exercises

**Licence:** Please note that while free to access, this resource is not openly licensed for distribution or editing as an OER.

## Principles of Macroeconomics 3e (OpenStax) [New]

*Principles of Macroeconomics 3e* covers the scope and sequence of most one semester introductory macroeconomics courses. The third edition takes a balanced approach to the theory and application of macroeconomics concepts. The text uses conversational language and ample illustrations to explore economic theories, and provides a wide array of examples using both fictional and real-world scenarios. The third edition has been carefully and thoroughly updated to reflect current data and understanding, as well as to provide a deeper background in diverse contributors and their impacts on economic thought and analysis. For example, the third edition highlights the research and views of a broader group of economists. Brief references and deeply explored socio-political examples have also been updated to showcase the critical – and sometimes unnoticed – ties between economic developments and topics relevant to students [Description from resource].

**Includes:** Test bank, discussion questions, video guide, and test bank.

**Licence:** CC BY

**Reviews:** Available through Open Textbook Library.

## Principles of Microeconomics

This book available through Lyryx Learning focuses upon the material that students need to cover in a first introductory course. It is slightly more compact than the majority of principles books in the Canadian marketplace. Decades of teaching experience and textbook writing has led the authors to avoid the encyclopedic approach that characterizes the recent trends in textbooks. While this book avoids calculus, and uses equations sparingly, it still aims to be rigorous.

**Includes:** Key terms, exercises and solutions, glossary

**Licence:** CC BY-NC-SA 4.0

## Principles of Microeconomics 3e (OpenStax) [New]

*Principles of Microeconomics 3e* covers the scope and sequence of most one semester introductory microeconomics courses. The third edition takes a balanced approach to the theory and application of microeconomics concepts. The text uses conversational language and ample illustrations to explore economic theories, and provides a wide array of

examples using both fictional and real-world applications. The third edition has been carefully and thoroughly updated to reflect recent developments, as well as to provide a deeper background in diverse contributors and their impacts on economic thought and analysis. For example, the third edition highlights the research and views of a broader group of economists [Description from resource].

**Includes:** Test bank, discussion questions, video guide, and test bank.

**Licence:** CC BY

## Solar Resource Assessment and Economics

This book explores the methods, economic criteria, and meteorological background for assessing the solar resource with respect to project development of solar energy conversion systems for stakeholders in a given locale. It provides students with an in-depth exploration of the physical qualities of the solar resource, estimation of the fractional contributions of irradiance to total demand, and economic assessment of the solar resource. The course utilizes real data sets and resources to provide students context for the drivers, frameworks, and requirements of solar energy evaluation.

**Licence:** CC BY-NC-SA 4.0

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# Department of English

## English

### Becoming America: An Exploration of American Literature from Precolonial to Post-Revolution

Featuring sixty-nine authors and full texts of their works, the selections in this open anthology represent the diverse voices in early American literature.

**Includes:** Reading and review questions

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

### British Literature I: Middle Ages to the Eighteenth Century and Neoclassicism

Featuring over 50 authors and full texts of their works, this anthology follows the shift of monarchic to parliamentary rule in Britain, and the heroic epic to the more egalitarian novel as genre.

**Includes:** Reading and review questions, key terms

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

### British Literature II: Romantic Era to the Twentieth Century and Beyond

Featuring 37 authors and full texts of their works, the selections in this open anthology represent the literature developed within and developing through their respective eras.

**Includes:** Biographies for each author, reading and review questions

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## CanLit Guides

CANLIT GUIDES is a flexible learning resource that helps students critically engage with Canadian literature while

encouraging and promoting independent study. CANLIT GUIDES provides first- and second-year university students with information, resources, and exercises addressing literary theory, Canadian literary history, and works of Canadian fiction, non-fiction, and drama. Please note that while free to read, most of the website is not licensed for reuse.

## Compact Anthology of World Literature, Parts 1 – 3

The introductions in this anthology are meant to provide an overview of foundational literature and their historical background. There are three parts to this text split into three separate volumes, Part 1 focused on The Ancient World, Part 2 on the Middle Ages, and Part 3 on the Renaissance.

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Compact Anthology of World Literature II, Parts 4 – 6

The introductions in this anthology are meant to provide an overview of foundational literature and their historical background. There are three parts to this text split into three separate volumes, Part 4 focuses on the Seventeenth and Eighteenth Century, Part 5 on the Long Nineteenth Century, and Part 6 on the Twentieth Century and Contemporary Literature.

**Licence:** CC BY-SA 4.0

## Genre in a Changing World

This book collection of essays provides a wide-ranging sampler of current work.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

**Reviews:** Available through the Open Textbook Library

## The Ideologies of Lived Space in Literary Texts, Ancient and Modern

Inspired by the spatial turn in the humanities, this collection presents a number of essays on the ideological role of space in literary texts. The individual articles analyse ancient and modern literary texts from the angle of the most recent theoretical conceptualisations of space. The focus throughout is on how the experience of space is determined by dominant political, philosophical or religious ideologies and how, in turn, the description of spaces in literature is employed to express, broadcast or deconstruct this experience.

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## An Introduction to African and Afro-Diasporic Peoples and Influences in British Literature and Culture before the Industrial Revolution

An Introduction to African and Afro-Diasporic Peoples and Influences in British Literature and Culture before the Industrial Revolution corrects, expands, and celebrates the presence of the African Diaspora in the study of British literature.

**Includes:** Further reading

**Licence:** CC BY-NC-SA 4.0

## Literature, the Humanities, and Humanity

*Literature, the Humanities, and Humanity* attempts to make the study of literature more than simply another school subject that students have to take. At a time when all subjects seem to be valued only for their testability, this book tries to show the value of reading and studying literature, even earlier literature. It shows students, some of whom will themselves become teachers, that literature actually has something to say to them. Furthermore, it shows that literature is meant to be enjoyed, that, as the Roman poet Horace (and his Renaissance disciple Sir Philip Sidney) said, the functions of literature are to teach and to delight. The book will also be useful to teachers who want to convey their passion for literature to their students. After an introductory chapter that offers advice on how to read (and teach) literature, the book consists of a series of chapters that examine individual literary works ranging from *The Iliad* to Charles Dickens' *Bleak House*. These chapters can not substitute for reading the actual works. Rather they are intended to help students read those works. They are attempts to demystify the act of reading and to show that these works, whether they are nearly three thousand or less than two hundred years old, still have important things to say to contemporary readers (Description from resource).

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Open Anthology of Early World Literature in English Translation

This webpage is a collection of free and open primary texts in digital formats for the study of early world literature in English translation. Multiple English translations are provided for comparison and study, as well as open secondary and supplemental resources.

**Licence:** CC BY-NC-SA 4.0

Public Domain Works: Fiction and Non-fiction

## Project Gutenberg [New]

Large collection of eBooks in the Public Domain because the copyright has either expired or the copyright holder has given explicit permission for unlimited non-commercial worldwide use. Contains many classic works of literature.

**Licence:** May vary, but largely in the Public Domain or CC 0 (Zero)

## Prose Fiction: An Introduction to the Semiotics of Narrative

This textbook outlines the principles and techniques of storytelling. It is intended as an introduction to the central concepts of narrative theory that will aid students in developing their competence not only in analyzing and interpreting short stories and novels, but also in writing them.

**Includes:** Summary, glossary

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Public Domain Core Collection [New]

Includes fiction and non-fiction public domain works that have been adapted for post-secondary use through Pressbooks. This collection is a collaborative project between Ryerson and Brock universities.

## World Literature I: Beginnings to 1650

This peer-reviewed World Literature I anthology includes introductory text and images before each series of readings. Sections of the text are divided by time period in three parts: the Ancient World, Middle Ages, and Renaissance, and then divided into chapters by location.

**Licence:** CC BY-SA 4.0

## Writing the Nation: A Concise Introduction to American Literature 1865 to Present

*Writing the Nation: A Concise Guide to American Literature 1865 to Present* is a text that surveys key literary movements and the American authors associated with the movement. Topics include late romanticism, realism, naturalism, modernism, and modern literature.

**Includes:** Key terms, glossary

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**Reviews:** Available through the Open Textbook Library



## Writing

### Bad Ideas About Writing

This collection aims to identify bad ideas about writing and suggest better ones.

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**Reviews:** Available through the Open Textbook Library

### Brehe's Grammar Anatomy

This book provides an in-depth look at beginner grammar terms and concepts, providing clear examples with limited technical jargon.

**Includes:** Exercises, glossary

**Licence:** CC BY-SA 4.0

### College ESL Writers: Applied Grammar and Composing Strategies for Success

This book is designed as a comprehensive grammar and writing text for high intermediate and advanced level non-native speakers of English.

**Includes:** Integrated examples, exercises, suggested writing topics, grading rubrics

**Licence:** CC BY-NC-SA 4.0

### English Composition: Connect, Collaborate, Communicate

This textbook has been designed for students to learn the foundational concepts for a first year composition course.

**Includes:** Suggested assignments, videos and readings

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Howdy or Hello?: Technical and Business Communications

Technical writing courses introduce you to some of the most important aspects of writing in the worlds of science,

technology, and business—in other words, the kind of writing that scientists, nurses, doctors, computer specialists, government officials, engineers, and other professionals do as a part of their regular work. The skills learned in technical writing courses can be useful in other fields as well, including education and social sciences.

**Includes:** Quick reference for APA and MLA citations

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## How Arguments Work – A Guide to Writing and Analyzing Texts in College

This book takes students through the techniques they will need to respond to readings and make sophisticated arguments in any college class. This is a practical guide to argumentation with strategies and templates for the kinds of assignments students will commonly encounter. It covers rhetorical concepts in everyday language and explores how arguments can build trust and move readers.

**Includes:** Audio version of text, annotated sample essays

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Mindful Technical Writing: An Introduction to the Fundamentals

This textbook is designed for use in co-requisite course pairings of developmental writing and introductory technical writing, or indeed in other lower-division college writing courses that focus on building study skills alongside effective workplace and academic writing skills.

**Includes:** Activities

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Naming the Unnameable: An Approach to Poetry for New Generations

Informed by a writing philosophy that values both spontaneity and discipline, this book offers practical advice and strategies for developing a writing process that is centered on play.

**Includes:** Key terms, recommended accompanying resources

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## The Simple Math of Writing Well: Writing for the 21st Century

This text addresses the importance of writing well in the Google age.

**Includes:** Exercises with answer keys

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Successful College Composition, 3rd ed.

This textbook and accompanying instructor manual provides an overview of writing skills for an introductory writing course. A modularized version is available for D2L.

**Includes:** Exercises, key takeaways, instructor manual

**Licence:** CC BY-NC-SA 4.0

## Writing and Literature: Composition as Inquiry, Learning, Thinking, and Communication

This textbook teaches the various writing styles appropriate for analyzing, addressing, and critiquing various genres. The text and its pairing of helpful visual aids throughout emphasizes the importance of critical reading and analysis in producing a successful composition.

**Includes:** Glossary, assignment ideas

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Writing Unleashed: Content and Structure

This book is designed for use as a textbook in first-year college composition programs.

**Includes:** Questions to consider

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Writing Fabulous Features

This book teaches the art and craft of feature writing to help readers learning to write non-fiction with flair.

**Includes:** Feature examples, interviews with journalists

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

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# Department of Geography

## Geography

### The Environment in the Age of the Internet

The Environment in the Age of the Internet: Activists, Communication, and the Digital Landscape is an interdisciplinary collection that draws together research and answers from media and communication studies, social sciences, modern history, and folklore studies. Edited by Heike Graf, its focus is on the communicative approaches taken by different groups to ecological issues, shedding light on how these groups tell their distinctive stories of “the environment.”

**Licence:** CC BY 4.0

### Environmental Biology

This world environmental biology text covers salient issues in the environment using a biological perspective. It covers introductory concepts in environmental biology, from climate change to ozone depletion.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Environmental Science: A Canadian Perspective

This environmental science text has been positively-reviewed and has been successfully adopted by other faculty. It covers introductory concepts in environmental science, from ecosystems to sustainable development.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the BCcampus Open Textbook Collection

### Forests and Food: Addressing Hunger and Nutrition Across Sustainable Landscapes

This volume provides important evidence and insights about the potential of forests to reducing global hunger and malnutrition, exploring the different roles of landscapes, and the governance approaches that are required for the equitable delivery of these benefits.

**Licence:** CC BY 4.0

## Geographic Information System Basics

This geographic information systems text has been positively-reviewed. It covers introductory concepts in GIS, from augmented maps to vector files. Reviews are available from BC Campus.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY-NC-SA 3.0

## Introduction to Environmental Science, 2nd Edition

This course uses the basic principles of biology and earth science as a context for understanding environmental policies and resource management practices. Our planet is facing unprecedented environmental challenges, from oil spills to global climate change. In ENSC 1000, you will learn about the science behind these problems; preparing you to make an informed, invaluable contribution to Earth's future.

**Includes:** Study questions, terms lists

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Human Geography

This physical geography text has been positively-reviewed. It covers introductory concepts in human geography, from migration to agriculture.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Monitoring Animal Populations and Their Habitats: A Practitioner's Guide

This book provides a framework that managers of natural resources can use to design monitoring programs that will benefit future generations by providing the information needed to make informed decisions.

**Licence:** CC BY-NC-SA 4.0

## Nature of Geographic Information

This world GIS text covers introductory concepts in GIS, from data and information geography to integrating geographic data.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library and BCcampus Open Textbook Collection

## Open Geography Education

This website is a resource dedicated to providing high-quality and free online geography resources.

**Includes:** Several textbooks, mapping assignments, collection of online resources

**Licence:** CC BY 4.0 applied to the website, resources within may vary

## Physical Geography

This Lumen Learning covers some of the concepts of first-year physical geography with a balance of application and theory.

**Includes:** Summaries, examples, videos, and graphics

**Licence:** CC BY 4.0, unless otherwise noted.

## World Regional Geography: People, Places and Globalization

This world geography text has been positively-reviewed and has been successfully adopted by other faculty. It covers introductory concepts in geography, from North American geography to African geography.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Earth Science

### Coastal Dynamics

This textbook on Coastal Dynamics focuses on the interrelation between physical wave, flow and sediment transport phenomena and the resulting morphodynamics of a wide variety of coastal systems.

**Licence:** CC BY-NC-SA 4.0

### The Delft Sand, Clay & Rock Cutting Model

In dredging, trenching, (deep sea) mining, drilling, tunnel boring and many other applications, sand, clay or rock has to be excavated. This book gives an overview of cutting theories. It starts with a generic model, which is valid for all types of soil (sand, clay and rock) after which the specifics of dry sand, water saturated sand, clay, atmospheric rock and hyperbaric rock are covered.

**Licence:** CC BY-NC-SA 4.0

## Earth Science

This text includes introductions to concepts from level I earth science courses, from geology to water systems. It was developed through Lumen Learning and a professor of Geology and Earth Sciences from Santa Ana College.

**Includes:** Exercises, summaries

**Licence:** CC BY 4.0, unless otherwise noted.

### Geological Structures: A Practical Introduction

This manual is about structures that occur within the Earth's crust. Structures are the features that allow geologists to figure out how parts of the Earth have changed position, orientation, size and shape over time.

**Includes:** Labs

**Licence:** CC BY-NC 4.0

### Geosciences LibreTexts Library

A LibreTexts collection of open textbooks, assignments, and other educational resources on the subject of geosciences.

**Includes:** Lab experiments, case studies, interactive applications and worksheets



**Licence:** CC BY 4.0, unless otherwise noted.

## Introductory Physical Geology Laboratory Manual – 1st Canadian Edition

Introduction to Geology is a textbook designed to ease new students into the often complex topics of Geology and the study of our planet and its makeup. The book assists readers through the beginning topics and nomenclature of Geology to familiarize them with Geology's version of the scientific methods. This is an adaptation designed for students at the University of Saskatchewan.

**Includes:** Exercises

**Licence:** CC BY-SA 4.0

## Laboratory Manual for Introductory Geology

This textbook is a comprehensive lab manual for the core curriculum Introductory Geosciences classes with both informational content and laboratory exercises. Topics include basic laws and theories in Geology, the Earth's interior and plate tectonics, water and climate change, igneous rocks and volcanoes, and earthquakes.

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Physical Geology

This textbook was written by an earth sciences professor at Thompson Rivers University in British Columbia, Canada. This was done in collaboration with academics from various post-secondary institutions across BC and the rest of Canada. It has been successfully adopted.

**Includes:** Applications, chapter summaries, exercises, and solutions

**Licence:** CC BY 4.0

## Surveying and Mapping

This book provides an introduction into the field of surveying and mapping.

**Includes:** Exercises and worked examples

**Licence:** CC BY-NC-SA 4.0

## Soil Science

### Digging into Canadian Soils: An Introduction to Soil Science

Written by members of the Canadian Society of Soil Science, “Digging into Canadian Soils: An Introduction to Soil Science” provides an introduction to the core disciplines of soil science, and introduces concepts and vocabulary. The textbook provides supplementary materials that are specific to regions in Canada, or may be of specific interest beyond what might be considered introductory soil science material.

**Includes:** Glossary, study questions and answers

**Licence:** CC BY-NC 4.0

### Introduction to Soil Science Laboratory Manual (Schwyter and Vaughan)

Available through LibreTexts, these labs explore the fundamental principles of soil science and soils as a natural resource.

**Licence:** CC BY 4.0

### Open Case Studies: Soil Science

A collection of online case studies on the topic of soil science, from UBC.

**Licence:** Except where otherwise noted, this website is licensed under CC BY 4.0

### Principles of Soil Science Exercise Manual

Available through LibreTexts, this exercise manual was designed for use in an upper-level undergraduate soils course. The manual consists of ten hands-on or experiment-type exercises and fourteen take-home fact-finding and critical thinking exercises.

**Licence:** CC BY-NC-SA 4.0

### Virtual Soil Science Learning Resources

This collection of resources is gathered by a group of scientists, students, and multimedia experts across Canada. Resources cover a variety of topics at both the graduate and undergraduate level, including basic soil science, soil classification, and land use impacts.

**Licence:** CC BY-NC-SA 4.0, unless otherwise indicated

## Urban Studies

### Community Resilience to Climate Change: Theory, Research and Practice

This reader is an Open Educational Resource, meant to accompany a graduate or higher-level undergraduate university course in climate change resilience, adaptation, and/or planning. While the material is geared toward students in urban and regional planning, it may also be of interest to students of urban studies, public health, geography, political science, sociology, risk management, and others. Each section of this volume includes (1) an introductory summary, (2) a reading list with full text articles, (3) student exercises meant to enhance understanding and facilitate in-class discussion, and (4) additional discussion prompts or activities for instructors to use in class. The format of materials is intended to convey key concepts, while leaving ample space for student exploration, discourse, and creativity. Lessons may culminate in an applied, imaginative final project, a sample framework of which is provided at the end of Section VI.

**Licence:** CC BY-NC 4.0

## Introduction to Human Geography

This textbook includes chapters on Population and Migration, Cultural Geography, Political Geography, Sustainable Development, Food, Water, & Agriculture, Urban Geography, Environmental Issues, and Living with Disasters.

**Includes:** Learning outcomes, essential questions, embedded videos, and summaries

**Licence:** CC BY 4.0

## Sustainable Cities: Adding an African Perspective

*Sustainable Cities: Adding an African Perspective* is a course that introduces students to the theories and strategies to reimagine cities from an urban sustainability perspective. The course modules are beginner level building blocks that cater to the new inter-disciplinary trend around Cities Engineering. The modules provide an introduction to concepts of sustainability, urbanization, climate change; strategies for best practices in the design of new cities and redesign of existing ones; and tools and methodologies for environmental assessments, material flows, and urban metabolism. Each module is expected to take 2-3hours for completion, this includes following the videos, reading through the global cities and African cities examples, and completing assessments, contributing to discussions and reflections. The course activities and interactions will enable students to design cities in developed and developing world contexts, in addition to engineering the great African cities of the future. The course is organized in 4 modules, where each module begins with an introduction to definitions and theories, followed by academic research on the topic, then showcases case studies from global cities in developed and developing world contexts, and from African cities.

**Includes:** Assessments with quizzes, discussions, and reflections.

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# Department of History

## Canadian Studies

### Canadian History: Pre-Confederation, 2nd Edition

Canadian History: Pre-Confederation is a survey text that introduces undergraduate students to important themes in North American history to 1867. It provides room for Indigenous and European agendas and narratives, explores the connections between the territory that coalesces into the shape of modern Canada and the larger continent and world in which it operates, and engages with emergent issues in the field.

**Includes:** Summaries, key terms, short answer exercises, glossary

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Canadian History: Pre-Confederation, 1st Edition

Canadian History: Pre-Confederation is a survey text that introduces undergraduate students to important themes in North American history to 1867. It provides room for Aboriginal and European agendas and narratives, explores the connections between the territory that coalesces into the shape of modern Canada and the larger continent and world in which it operates, and engages with emergent issues in the field.

**Includes:** Summaries, key terms, short answer exercises, glossary, suggested readings

**Licence:** CC BY 4.0

### Canadian History: Post-Confederation – 2nd Edition

This textbook introduces aspects of the history of Canada since Confederation. “Canada” in this context includes Newfoundland and all the other parts that come to be aggregated into the Dominion after 1867. Much of this text follows thematic lines. Each chapter moves chronologically but with alternative narratives in mind.

**Includes:** Summaries, key points, key terms, short answer exercises, glossary

**Licence:** CC BY 4.0

## Confronting Canadian Migration History

This open collection of essays speak to the broad range of research being done in Canadian migration history; they also highlight the commitment of their authors to an engaged, public-facing scholarly practice.

**Licence:** CC BY-SA 4.0

## Central and East European Studies

### Archives of Historical and Ethnographic Yiddish Memories

The Archives of Historical and Ethnographic Yiddish Memories includes approximately 800 hours of Yiddish-language interviews with 350 individuals, most of whom were born between 1900 and 1930. The interviews were conducted in Ukraine, Romania, Moldova, Hungary, and Slovakia.

**Licence:** Note the copyrighted content on the website is available to use for free, however they are not openly licence.

### Decoding the 1920s: A Reader for Advanced Learners of Russian

Pre-reading assignment, preparatory written assignments, discussion and textual analysis, supplementary assignments.

**Includes:** Pre-reading assignment, preparatory written assignments, discussion and textual analysis, supplementary assignments

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

### “The Death of Ivan Ilich”: An Electronic Study Edition of the Russian Text

The Russian text of “The Death of Ivan Ilich” is presented for study in various formats: accompanied by an English translation; fully glossed, with explanatory and interpretive annotations; and supplemented by introductory remarks.

**Includes:** Extensive bibliography

**Licence:** CC BY-NC 4.0

### A Foundation Course in Reading German

This textbook guides a learner who has no previous German experience to accurately understand formal written German prose.

**Includes:** Unit review practice

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Great Power Policies Towards Central Europe 1914–1945

This essay collection provides an overview of the various forms and trajectories of Great Power policy towards Central Europe between 1914 and 1945. The volume is designed to be accessible and informative to both historians and wider audiences.

**Licence:** CC BY-NC 4.0

## Lifestyle in Siberia and the Russian North

This essay collection explores the concept of lifestyle from a distinctly anthropological perspective. Showcasing the collective work of ten experienced scholars in the field, the book goes beyond concepts of tradition that have often been the focus of previous research, to explain how political, economic and technological changes in Russia have created a wide range of new possibilities and constraints in the pursuit of different ways of life.

**Licence:** CC BY 4.0

## Memory Politics in Contemporary Russia: Television, Cinema and the State

This book critically examines the role of cinema and television in shaping and spreading narratives of memory politics in contemporary Russia to provide a better understanding both of the various ways the Russian government practices memory politics, and the existence of alternative and critical voices and criticism.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Migration and the Ukraine Crisis: A Two Country Perspective

This book focuses on the 2014 Ukraine crisis and the war for Crimea, covering introductory concepts in migration studies, from geopolitical fault-lines to labour migration.

**Licence:** CC BY-NC 4.0

## Modernisation in Russia since 1900

This essay collection examines the broad theme of modernisation in late imperial, Soviet, and post-Soviet Russia both through general overviews of particular topics, and specific case studies of modernisation projects and their impact.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Modernism and the Spiritual in Russian Art: New Perspectives

This essay collection introduces new and stimulating approaches to the ongoing debate as to how Russian artistic modernism engaged with questions of spirituality in the late nineteenth to mid-twentieth centuries.

**Licence:** CC BY 4.0

## Nexus of Patriotism and Militarism in Russia: A Quest for Internal Cohesion

This edited volume explores patriotism and the growing role of militarism in today's Russia. During the last 20-year period, there has been a consistent effort in Russia to consolidate the nation and to foster a sense of unity and common purpose. This volume provides new insights into the evolution of enemy images in Russia and the ways in which societal actors perceive official projections of patriotism and militarism in the Russian society.

**Licence:** CC BY-NC 4.0

## The Other Russia: Local experience and societal change

Most recent research seeks to explain contemporary changes in Russia by analysing the decisions of Russian leaders, oligarchs and politicians based in Moscow. This book examines another Russia, one of ordinary people changing their environment and taking opportunities to provoke societal changes in small towns and the countryside.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## The Palgrave Handbook of Digital Russia Studies

This open access handbook presents a multidisciplinary and multifaceted perspective on how the 'digital' is simultaneously changing Russia and the research methods scholars use to study Russia. It provides a critical update on how Russian society, politics, economy, and culture are reconfigured in the context of ubiquitous connectivity and accounts for the political and societal responses to digitalization.

**Licence:** CC BY 4.0



## Politics and the Environment in Eastern Europe

Arranged in three sections, with case studies from Czechia, Hungary, Lithuania, Poland, Romania and Serbia, this collection develops anthropological views on the processes and consequences of the politicisation of the environment.

**Licence:** CC BY 4.0

## Reading Backwards: An Advance Retrospective on Russian Literature

This edited volume employs the paradoxical notion of 'anticipatory plagiarism' as a mode for reading Russian literature.

**Licence:** CC BY 4.0

## Results of the Revolutionary Movement in Russia during a Period of 40 Years (1862-1902)

This book, published in Geneva in 1903, is number 24 in a series of 43 titles produced in 1902-4 by the social democratic organization Zhizn' (Life) as "The Library of the Russian Proletariat." The book is a compilation of documents, including programs, manifestoes, and articles, related to the Russian revolutionary movement in 1862-1902.

**Licence:** Public Domain

## Twentieth-Century Russian Poetry: Reinventing the Canon

The canon of Russian poetry has been reshaped since the fall of the Soviet Union. A multi-authored study of changing cultural memory and identity, this revisionary work charts Russia's shifting relationship to its own literature in the face of social upheaval.

**Licence:** CC BY 4.0

## Ukraine in Conflict: An Analytical Chronicle

Through a series of articles written between 2013 and 2017, this book examines Ukraine during its period of conflict – from the protests and uprising of Euromaidan, to the Russian annexation of Crimea and the outbreak of war in Ukraine's two eastern provinces Donetsk and Luhansk.

**Licence:** CC BY-NC 4.0

## Women in Nineteenth-Century Russia: Lives and Culture

This collection of essays examines the lives of women across Russia – from wealthy noblewomen in St Petersburg

to desperately poor peasants in Siberia – discussing their interaction with the church and the law, and their rich contribution to music, art, literature and theatre.

**Licence:** CC BY-NC-ND 2.0 (Note: This is an open access text which restricts remixing and adapting).

## Indigenous Histories

### Healing and Reconciliation Through Education

This open educational resource is focused on teaching the history of the colonial legacy of Residential Schools, with an emphasis on exploring the unique history of the Shingwauk Residential School which operated in Sault Ste. Marie, Ontario, Canada. This project builds upon decades of archival research and data collection, including the recording of oral histories, under the Shingwauk Residential Schools Centre's (SRSC) mandate of 'sharing, healing, and learning.' 'Healing and Reconciliation through Education' is designed to increase the capacity of the SRSC to educate local, regional, and national audience about the history of Residential Schools.

**Includes:** Interactive map

**Licence:** CC BY-SA 4.0

### Historical and Contemporary Realities: Movement Towards Reconciliation

This open textbook is written as a resource for educators to teach students about the Indigenous historical significance of the lands encompassing the Robinson-Huron Treaty area and more specifically the Greater Sudbury and Manitoulin area. It also, through the use of interactive mapping strategies, serves as a guide for educators to develop a similar resource to document Indigenous stories from their own areas.

**Includes:** Learning activities, resources for more learning, maps

**Licence:** CC BY-NC 4.0

### Histories of Indigenous Peoples and Canada

Since the 18th century, the historical study of "Indians," "Natives," and "Aboriginals" in universities and colleges was contextualized within the story of colonization and growing European influence. Whatever justification might be mustered for that practice, it had real and dire effects: Canadians – including many Indigenous people – came to understand Indigenous histories as tangential, small, unimportant, and even a blind alley. This kind of thinking enabled Canadian authorities and citizens to regard Indigenous communities as being "without history," as in, outside of history, which we can agree in modern times is simply untrue, as this book strives to show.

**Includes:** Glossary

**Licence:** CC BY 4.0

**Reviews:** Available through the BCcampus Open Textbook Collection

## Shingwauk Narratives: Sharing Residential School History

The Shingwauk Residential Schools Centre (SRSC) holds 10 letter books of the first principal of the Shingwauk Residential School, Rev. Edward F. Wilson, and the fourth principal Rev. George L. King. These letters range in date from 1875–1904, and include a wealth of information about the early history of Shingwauk and Wawanosh. This resource shares stories compiled from the information in the letter books. Shingwauk Narratives discusses the in depth history of residential school, colonialism, and the establishment of the Shingwauk Residential School.

**Licence:** CC BY-NC 4.0

## United States History

### U.S. History

Available through OpenStax, *U.S. History* is designed to meet the scope and sequence requirements of most courses. The authors introduce key forces and major developments that together form the American experience, with particular attention paid to considering issues of race, class, and gender. The text provides a balanced approach to U.S. history, considering the people, events, and ideas that have shaped the United States from both the top down (politics, economics, diplomacy) and bottom up (eyewitness accounts, lived experience).

**Includes:** Teaching resources, student resources

**Licence:** CC BY 4.0

## World History

### History of International Relations: A Non-European Perspective

This textbook pioneers a new approach to the study of international relations by historicizing the material traditionally taught in international relations courses and by explicitly focusing on non-European cases, debates, and issues.

**Includes:** Timelines, short dictionaries, ‘think about’ reflection questions

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Keys to Understanding the Middle East

This introductory textbook covers the languages, cultural, religious and sectarian communities of the Middle East, and selected turning points and influential people in history are starting points for gaining an understanding of the diverse contexts of the region.

**Includes:** Glossary, classroom resources

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Modern World History [New]

This is the textbook for an undergraduate survey course taught at all the universities and most of the colleges in the Minnesota State system. Similar courses are taught at institutions around the United States and the world, so the authors have made the text available as an open educational resource that teachers and learners can read, adapt, and reuse to meet their needs.

**Licence:** CC BY-NC-SA

**Reviews:** Available through Open Textbook Library

## Western Civilization: A Concise History – Volume 1

Western Civilization: A Concise History is available in three volumes. Volume 1 covers introductory concepts in western civilization, from the origins of civilization in Mesopotamia c. 8,000 BCE through the early Middle Ages in Europe c. 1,000 CE. Topics include Mesopotamia, Egypt, Persia, Greece, Rome, the Islamic caliphates, and the early European Middle Ages.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Western Civilization: A Concise History – Volume 2

Volume 2 looks at the early Middle Ages to the French Revolution in 1789 CE. This volume covers topics including the High Middle Ages, the Renaissance, the European conquest of the Americas, the Reformation, the Scientific Revolution, and the Enlightenment.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Western Civilization: A Concise History – Volume 3

Volume 3 surveys the Napoleonic era to the recent past. Topics include the Industrial Revolution, the politics of Europe in the nineteenth century, modern European imperialism, the World Wars, fascism, Nazism, and the Holocaust, the postwar era, the Cold War, and recent developments in economics and politics.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## World History: Cultures, States, and Societies to 1500

This text offers a comprehensive introduction to the history of humankind from prehistory to 1500, covering such cultures, states, and societies as Ancient Mesopotamia, Ancient Israel, Dynastic Egypt, India's Classical Age, the Dynasties of China, Archaic Greece, the Roman Empire, Islam, Medieval Africa, the Americas, and the Khanates of Central Asia.

**Includes:** Summary, key terms

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## World History, Volume 1: to 1500 (OpenStax) [New]

*World History, Volume 1: to 1500* is designed to meet the scope and sequence of a world history course to 1500 offered at both two-year and four-year institutions. Suitable for both majors and non majors *World History, Volume 1: to 1500* introduces students to a global perspective of history couched in an engaging narrative. Concepts and assessments help students think critically about the issues they encounter so they can broaden their perspective of global history. A special effort has been made to introduce and juxtapose people's experiences of history for a rich and nuanced discussion. Primary source material represents the cultures being discussed from a firsthand perspective whenever possible. *World History, Volume 1: to 1500* also includes the work of diverse and underrepresented scholars to ensure a full range of perspectives [Description from resource].

**Includes:** Lecture slides and test bank.

**Licence:** CC BY

## World History, Volume 2: from 1400 (OpenStax)[New]

*World History, Volume 2: from 1400* is designed to meet the scope and sequence of a world history course from 1400 offered at both two-year and four-year institutions. Suitable for both majors and non majors *World History, Volume 2: from 1400* introduces students to a global perspective of history couched in an engaging narrative. Concepts and assessments help students think critically about the issues they encounter so they can broaden their perspective of

global history. A special effort has been made to introduce and juxtapose people's experiences of history for a rich and nuanced discussion. Primary source material represents the cultures being discussed from a firsthand perspective whenever possible. *World History, Volume 2: from 1400* also includes the work of diverse and underrepresented scholars to ensure a full range of perspectives. [Description from resource].

**Includes:** Lecture slides and test bank.

**Licence:** CC BY

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**No suggested OER currently available for the following subject:** Latin American Studies

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**Know of an open educational resource (OER) not listed?**

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Philosophy

## Philosophy

### A Concise Introduction to Logic

This textbook is an introduction to formal logic suitable for undergraduates taking a general education course in logic or critical thinking, and is accessible and useful to any interested in gaining a basic understanding of logic.

**Includes:** Practice problems

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

### forall x: Calgary, An Introduction to Formal Logic

*forall x: Calgary* is a full-featured textbook on formal logic. It covers key notions of logic such as consequence and validity of arguments, the syntax of truth-functional propositional logic TFL and truth-table semantics. It also deals with some advanced topics such as modal logic, soundness, and functional completeness. Exercises with solutions are available. It is provided in PDF (for screen reading, printing, and a special version for dyslexics) and in LaTeX source code.

**Licence:** CC BY 4.0

### Fundamental Methods of Logic

This text is suitable for a one-semester introduction to logic/critical reasoning course. It covers a variety of topics at an introductory level.

**Includes:** Exercises

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Inferring and Explaining

This is a book in practical epistemology. It examines the notion of evidence and assumes that good evidence is the essence of rational thinking.

**Includes:** Exercises and quizzes

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Logic and Critical Thinking

This is an introductory textbook in logic and critical thinking, aimed at providing the reader with a set of tools and skills that will enable them to identify and evaluate arguments.

**Includes:** Exercises

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## An Introduction to Philosophy

This peer-reviewed open textbook presents philosophy to newcomers as a living discipline with historical roots. Early chapters are historically organized, to help trace a developmental progression of thought that introduce basic philosophical methods and frames issues that remain relevant today.

**Includes:** Instructor resources

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Philosophy: Ethics

This text considers basic questions about moral and ethical judgment.

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Philosophy: Philosophy of Mind

This textbook surveys the central themes in philosophy of mind and places them in a historical and contemporary context intended to engage first-time readers in the field. It focuses on debates about the status and character of the mind and its seemingly subjective nature in an apparently more objective world.

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library



## The Material Theory of Induction

This open book argues against the assumption that inductive inference can be accommodated by a single formal account with universal applicability. Instead, it argues that there is no single, universally applicable formal account. Rather, each domain has an inductive logic native to it. The content of that logic and where it can be applied are determined by the facts prevailing in that domain.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Metaethics from a First Person Standpoint: An Introduction to Moral Philosophy

This book addresses in a novel format the major topics and themes of contemporary metaethics, the study of the analysis of moral thought and judgement. Looking at a wide spectrum of topics including moral language, realism and anti-realism, reasons and motives, relativism, and moral progress, this book engages students and general readers in order to enhance their understanding of morality and moral discourse as cultural practices.

**Includes:** Suggestions for further study

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Modern Philosophy

This open textbook in modern philosophy combines readings from primary sources.

**Includes:** Study questions

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## The Originals: Classic Readings in Western Philosophy

This open textbook provides readers with an appreciation and understanding of philosophy framed by the very words and ideas of those who have shaped our thinking over the centuries.

**Includes:** Primary source documents

**Licence:** CC BY 4.0

## Philosophical Ethics: A Guidebook for Beginners

This book is an introduction to philosophical ethics intended for use in introductory college or high school level courses.

**Includes:** Exercises, slideshow summaries

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Plato's *Republic*: An Introduction

This book offers a rigorous and thought-provoking analysis of the text, helping readers navigate one of the world's most influential works of philosophy and political theory.

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Public Domain Core Collection [New]

Includes fiction and non-fiction public domain works that have been adapted for post-secondary use through Pressbooks. This collection is a collaborative project between Ryerson and Brock universities. Many of the works include audiobook recordings as well.

**Licence:** Public Domain

## Sets, Logic, Computation: An Open Introduction to Metalogic

*Sets, Logic, Computation* is an introductory textbook on metalogic. It covers naive set theory, first-order logic, sequent calculus and natural deduction, the completeness, compactness, and Löwenheim-Skolem theorems, Turing machines, and the undecidability of the halting problem and of first-order logic. The audience is undergraduate students with some background in formal logic, e.g., what is covered by *forall x* (Description from resource).

**Licence:** CC BY 4.0

## Words of Wisdom: Intro to Philosophy

This text discusses topics ranging from “Are Humans good by nature?” to “Is there a God?” to “Do I have the right to my own opinion?”, using both ancient and contemporary references.

**Includes:** Primary source documents, quiz question bank (upon request)

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Gender and Sexuality Studies

### Gendered Lives: Global Issues

This textbook takes a regional approach to examine gender issues from an anthropological perspective with a focus on globalization and intersectionality. Chapters present contributors' ethnographic research, contextualizing their findings within four geographic regions: Latin America, the Caribbean, South Asia, and the Global North. Each regional section begins with an overview of the broader historical, social, and gendered contexts, which situate the regions within larger global linkages. These introductions also feature short project/people profiles that highlight the work of community leaders or non-governmental organizations active in gender-related issues. This modular, regional approach allows instructors to select the regions and cases they want to use in their courses. While they can be used separately, the chapters are connected through the book's central themes of globalization and intersectionality.

**Includes:** Learning objectives, discussion questions, resources for further exploration

**Licence:** CC BY 4.0

### Global Women's Issues: Women in the World Today

This global politics text has been positively-reviewed and has been successfully adopted by other faculty. It covers concepts in women's political issues, from women and education to the rights of children.

**Includes:** Key terms, review questions and answers, discussion questions, essay questions

**Licence:** Public Domain

**Reviews:** Available through the Open Textbook Library and BCcampus Open Textbook Collection

### Introduction to Women, Gender, Sexuality Studies

This reviewed open textbook available through Lumen Learning covers various topics that introduce the interdisciplinary field of Women, Gender, Sexuality Studies (WGSS) and how scholars in different disciplines incorporate gender as a critical tool in their analysis.

**Includes:** Videos

**Licence:** CC BY 4.0, unless otherwise noted.

**Reviews:** Available through the Open Textbook Library

## Living on the Land: Indigenous Women's Understanding of Place

This edited volume examines how patriarchy, gender, and colonialism have shaped the experiences of Indigenous women as both knowers and producers of knowledge. From a variety of methodological perspectives, contributors to the volume explore the nature and scope of Indigenous women's knowledge, its rootedness in relationships both human and spiritual, and its inseparability from land and landscape.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Open Access Publishing in European Networks (OAPEN)

OAPEN lists many gender studies-related books that can be incorporated into your course readings. Some of them have CC-BY-4.0 or CC-BY-SA-4.0 copyright licenses that you can adopt, remix, transform, and build upon the original. Check Subject under "gender studies" or "gay studies" areas and browse. Check the copyright status assigned to selected titles. Refer to the four different copyrights. The following three titles are examples from the OAPEN collection:

### 1. *Between Violence, Vulnerability, Resilience and Resistance*

How are the structures of power and the notion of agency among Syrian women during the recent Syrian conflict connected? To explore this matter, Rand El Zein investigates gender politics around displacement, conflict, the body, and the nation. In doing so, she outstandingly reconciles critical media theory as myriad and productive with the theoretical concepts on subjectivity, power, performativity, neoliberalism, and humanitarian governance. The book examines how the Arab television news discursively represented the experiences of Syrian women during the conflict in relation to the four main concepts: violence, vulnerability, resilience, and resistance.

**Licence:** CC BY-SA 4.0

### 2. *Changing Gender Norms in Islam Between Reason and Revelation*

Women's movements in Islamic countries have had a long and arduous journey in their quest for the realization of human rights and genuine equality. The author examines whether discriminatory laws against women do in fact originate from Islam and, ultimately, if there is any interpretation of Islam compatible with gender equality. She investigates women's rights in Iran since the 1979 Revolution from the perspectives of the main currents of Islamic thought, fundamentalists, reformists, and seculars, using a sociological explanation.

**Licence:** CC BY-SA 4.0

### 3. *Feeling Gender: A Generational and Psychosocial Approach*

This book explores how feelings about gender have changed over three interrelated generations of women and men of different social classes. Drawing on both generational and longitudinal research, it looks at how gender is lived and has been lived in decades of rapid societal change.

**Licence:** CC BY 4.0

## Persistence is Resistance: Celebrating 50 Years of Gender, Women & Sexuality Studies

Persistence is Resistance is a collection celebrating 50 years of Gender, Women and Sexuality Studies. Contributors are a diverse group of scholars, from undergraduate students to faculty emeritus, representing twenty-four institutions. Essays cover GWSS's history, praxis, and implementation. The book also includes artwork by GWSS undergraduates and alumni, and their answers to "why GWSS?" Persistence is Resistance is ideal for the classroom because the essays are short, jargon light, and inspire feminist inquiry, activism, and pride.

**Includes:** Art, annotated bibliography, student responses

**Licence:** CC BY 4.0

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# Department of Political Science

## Political Science (General)

### Advanced Energy Policy

This online course covers energy policy.

**Includes:** Lessons, readings, videos

**Licence:** CC BY-NC-SA 4.0

### Conflict, War and Revolution: The problem of politics in international political thought

This book is primarily intended for second year and upwards undergraduate students in general political theory and international theory, and advanced international relations students. Each chapter is also downloadable on its own for use in courses considering only some of the ten theorists covered.

**Licence:** CC BY 4.0

### Energy, Markets, Policy, and Regulation

This online course at Pennsylvania State University provides a broad introduction to global markets for crude oil and refined petroleum products, natural gas, and electric power. A major goal of the course is to help students understand how market design, market institutions, and regulatory structures affect firm-level decision-making in the energy industries and ultimately, how these decisions affect the functioning of energy markets and the prospects for alternative technologies.

**Includes:** Lessons, assignments, videos, summaries

**Licence:** CC BY-NC-SA 4.0, unless otherwise noted

### Nationalism, Self-determination and Secession

This text on nationalism covers salient issues in the nation-building using themes of nationalism, self-determination, and secession to tie nation-building in with world politics. It covers introductory concepts in politics, from statehood to national self-determination.

**Includes:** Learning outcomes, summaries

**Licence:** CC BY-NC-SA 4.0

## Oil: International Evolution

This online course at Pennsylvania State University covers oil production.

**Includes:** Learning outcomes, readings, lessons, videos, assignments

**Licence:** CC BY-NC-SA 4.0

## Popular Culture and World Politics: Theories, Methods, Pedagogies

This edited collection covers salient issues in popular culture and world politics. It covers concepts in popular culture, from comics to video games.

**Licence:** CC BY-NC 4.0

## Realism in Practice

This politics text covers issues in realism using a practical approach. It covers concepts in realism, from the refugee crisis to peaceful change.

**Licence:** CC BY-NC 4.0

## Global Political Economy

### Critical Perspectives on Migration in the Twenty-First Century

This migration text has been positively-reviewed and has been successfully adopted by other faculty. It covers concepts in 21st-century migration, from human rights to the 2015 migrant crisis.

**Includes:** Instructor resources, student resources, summaries.

**Licence:** CC BY-NC 4.0

### Globalization and Labour in the Twenty First Century

This open access globalization text has been positively-reviewed. It covers introductory concepts in globalization and the human condition, from capitalism to labour in the twenty-first-century.

**Includes:** Instructor resources, student resources, summaries

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Principles of Political Economy, 3rd Edition

This text contains many of the same topics as mainstream textbooks, but it includes and takes very seriously heterodox critiques and alternatives to the mainstream approach to economics. It includes a whole range of alternative theories, including Post-Keynesian, Austrian, Marxian, radical, feminist, institutionalist, and other approaches. Following Wolff and Resnick, an even broader objective is to teach students that economics is a discourse and that no single voice can rightfully claim to have a monopoly on the truth about economics.

**Includes:** Key terms, summaries, review problems

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Sugar and Servitude: The Taste of Color

This module provides resources for teaching about the artistic practice of Kara E. Walker and its interrogation of whiteness and race. Materials also support teaching an overview of the history of the production, consumption, and meanings of sugar, particularly as that history has contributed to the Transatlantic slave trade and continues to depend upon coercive labor practices in the U.S. and globally. Included is a list of artworks produced by Walker that touch specifically on sugar and links to videos of the artist describing aspects of her practice; academic and literary texts that can inform students' ability to read Walker's complex visual texts; discussion questions and classroom activities to further their engagement with the material; and ideas for culminating projects.

**Licence:** CC BY-NC 4.0

## Human Rights

### The Universal Declaration of Human Rights in the 21st Century: A Living Document in a Changing World

This book covers concepts in the UDHR, from the conception of the UDHR to the implementation of human rights.

**Licence:** CC BY 4.0



## Contemporary Issues in Human Rights Law: Europe and Asia

This edited volume analyzes human rights law issues from a variety of perspectives.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## International Indigenous Studies

### Economic Aspects of the Indigenous Experience in Canada

This text explores the economic history and potential of Indigenous peoples in Canada.

**Includes:** Summary, reflection questions, suggested activities

**Licence:** CC BY 4.0

### Healing and Reconciliation Through Education

This open educational resource is focused on teaching the history of the colonial legacy of Residential Schools, with an emphasis on exploring the unique history of the Shingwauk Residential School which operated in Sault Ste. Marie, Ontario, Canada. This project builds upon decades of archival research and data collection, including the recording of oral histories, under the Shingwauk Residential Schools Centre's (SRSC) mandate of 'sharing, healing, and learning.' 'Healing and Reconciliation through Education' is designed to increase the capacity of the SRSC to educate local, regional, and national audience about the history of Residential Schools.

**Includes:** Interactive map

**Licence:** CC BY-SA 4.0

### Historical and Contemporary Realities: Movement Towards Reconciliation

This open textbook is written as a resource for educators to teach students about the Indigenous historical significance of the lands encompassing the Robinson-Huron Treaty area and more specifically the Greater Sudbury and Manitoulin area. It also, through the use of interactive mapping strategies, serves as a guide for educators to develop a similar resource to document Indigenous stories from their own areas.

**Includes:** Learning activities, resources for more learning, maps

**Licence:** CC BY-NC 4.0

## Indigenous Information Literacy

This open access book outlines best principles for working with Indigenous print and oral sources in academic research. Topics include evaluating Indigenous print sources for credibility and authenticity, finding Indigenous authors, and respectfully working with Elders.

**Includes:** Reflection exercises

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Liberalism, Surveillance, and Resistance: Indigenous Communities in Western Canada, 1877-1927

This open book explores the means used to facilitate and justify colonization, their effects on Indigenous economic, political, social, and spiritual lives, and how they were resisted.

**Licence:** CC BY-NC-ND 2.5 CA (Note: This is an open access text which restricts remixing and adapting).

## Living on the Land: Indigenous Women's Understanding of Place

This edited open access volume examines how patriarchy, gender, and colonialism have shaped the experiences of Indigenous women as both knowers and producers of knowledge. From a variety of methodological perspectives, contributors to the volume explore the nature and scope of Indigenous women's knowledge, its rootedness in relationships both human and spiritual, and its inseparability from land and landscape.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Memory and Landscape: Indigenous Responses to a Changing North

In this edited open access volume, Indigenous and non-Indigenous contributors bring together oral history and scholarly research from disciplines such as linguistics, archaeology, and ethnohistory. With an emphasis on Indigenous place names, this volume illuminates how the land—and the memories that are inextricably tied to it—continue to define Indigenous identity. The perspectives presented here also serve to underscore the value of Indigenous knowledge and its essential place in future studies of the Arctic.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Our Stories: First Peoples in Canada

Our Stories: First Peoples in Canada is a multimedia resource developed with Indigenous peoples from across Canada.

Eliciting an unsettling of Western authority, this textbook encourages recognition that moves beyond a colonial lens. Please note that while this resource is free to read and share, it is not licensed for editing or remixing.

**Includes:** Images, videos

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Restoring Indigenous Self-Determination: Theoretical and Practical Approaches

This edited volume covers self-determination for Indigenous peoples around the world.

**Licence:** CC BY-NC 4.0

## Shingwauk Narratives : Sharing Residential School History

The Shingwauk Residential Schools Centre (SRSC) holds 10 letter books of the first principal of the Shingwauk Residential School, Rev. Edward F. Wilson, and the fourth principal Rev. George L. King. These letters range in date from 1875-1904, and include a wealth of information about the early history of Shingwauk and Wawanosh. This open education resource shares stories compiled from the information in the letter books. Shingwauk Narratives discusses the in depth history of residential school, colonialism, and the establishment of the Shingwauk Residential School.

**Licence:** CC BY-NC 4.0

## International Relations

### *E-International Relations*

Offers a collection of open education textbook titles on international relations under the copyright of CC BY-NC-4.0. The following five example titles are from the collection.

#### *1. Critical Epistemologies of Global Politics*

*Critical Epistemologies of Global Politics* combines social science and cultural studies approaches to IR, showing why contemporary Border Studies needs to be trans-disciplinary if it is to avoid reproducing the epistemological and political order that has led to contemporary global crises like the rise of ISIS, global migration, or increasing contestations of the State form as such. The volume offers a critical epistemology of global politics and proposes an enriched vision of borders, both analytically and politically, that not only seeks to understand but also to reshape and expand the meanings and consequences of IR.

**Licence:** CC BY-NC 4.0

## *2. Critical Perspectives on Migration in the Twenty-First Century*

This edited volume provides a critical overview of recent migration flows and offers answers as to why people flee, what happens during their flight and investigates the various responses to mass migratory movements. Divided in two parts, the book addresses long-running academic, policy and domestic debates, drawing on case studies of migration in Europe, the Middle East and the Asia-Pacific.

**Licence:** CC BY-NC 4.0

## *3. Migration and the Ukraine Crisis: A Two Country Perspective*

The aim of this collection is to shed light on the forgotten migrant crisis at the EU's doorstep and make sense of the various migration processes in and out of Ukraine and Russia. The book is divided into two sections. The first section deals with migration processes that have taken place within Ukraine or have involved Ukrainian citizens' migration out of the country, excluding Russia. The second section discusses Russia's response to the inflow of migrants from Ukraine, its changing policies and their effect on migrants, as well as other processes related to the phenomenon over the course of the Ukraine crisis.

**Licence:** CC BY-NC 4.0

## *4. Reprogramming the World: Cyberspace and the Geography of Global Order*

The central claim of this book is that digital technologies are rewiring the way that society understands and thinks about global order as Cyberspace changes the content of international borders. While international governance has never been a static process, the reprogramming being described herein is extraordinarily different from previous shifts in international governance. It is not the result of a war or of a contingent of sovereigns negotiating rules; it is a technologically driven process that redistributes power within that system and challenges the core concept of territorial sovereignty.

**Licence:** CC BY-NC 4.0

## *5. The United Nations: Friend or Foe of Self-Determination?*

This book takes a practical approach to discussing what role the UN plays in cases of self-determination and, importantly, it also ventures beyond this area's usual discussions of the inherent conflict between self-determination and sovereignty. The chapters address the pursuit of the right to self-determination through a variety of case studies, such as post-statehood in South Sudan and East Timor; Indigenous peoples; hybrid self-determination in post-intrastate conflict; the balancing of the human rights approach in Cyprus; remedial right to secede in the cases of failed states; Palestinian and Sahrawi resistance; geopolitics in Jammu and Kashmir; and the forgotten story of micro-states. Overall, this collection shows that the solutions may be found in moving the paradigm beyond the state-centrism of the system and the UN itself.

**Licence:** CC BY-NC 4.0

## The North American Arctic

The North American Arctic addresses the emergence of a new security relationship within the North American North. It focuses on current and emerging security issues that confront the North American Arctic and that shape relationships between and with neighbouring states (Alaska in the US; Yukon, Northwest Territories and Nunavut in Canada; Greenland and Russia).

**Licence:** CC BY-NC 4.0

## The R2P: Challenges and Opportunities in Light of the Libyan Intervention

This edited volume covers the Liberian intervention, from the revolution to peacemaking.

**Licence:** CC BY-NC 4.0

## Peace Studies

### Contemporary Issues in Human Rights Law

This book analyzes issues in human rights law from a variety of perspectives by eminent European and Asian professors of constitutional law, international public law, and European Union law.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### The Distinction of Peace

This peer-reviewed open textbook provides a critical account of the social mechanisms that make up the peacebuilding field, and offers deep insights into the workings of Western domination and global inequalities.

**Includes:** instructor and student resources.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Peace and Democratic Society

This peer-reviewed open textbook highlights the inadequacies of some of the widely accepted explanations for violence—including the idea that the world is experiencing a ‘clash of civilizations’— the author makes a plea for a global, multilateral debate on the causes of conflict, and an understanding of the multiple identities of the individuals involved.

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## The Universal Declaration of Human Rights in the 21st Century: A Living Document in a Changing World

This peer-reviewed open textbook offers a 21st-century commentary on the original Universal Declaration of Human Rights document, furthering the work of human rights and illuminating the ideal of global citizenship.

**Licence:** CC BY 4.0

## World Governments and Politics

### American Government

This introductory textbook covers concepts in American government, from civil liberties to domestic policy. As an OpenStax textbook it comes with student and instructor resources.

**Includes:** Key terms, summaries, review questions, critical thinking questions

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## COVID-19 in Southeast Asia: Insights for a post-pandemic world

This edited volume covers Covid-19 in the Southeast Asia with 3 themes: Urbanisation, digital infrastructures, economies, and the environment; Migrants, (im)mobilities, and borders; and Collective action, communities, and mutual action.

**Licence:** CC BY 4.0

## Defending a Contested Ideal: Merit and the Public Service Commission, 1908–2008

In 1908, after decades of struggling with a public administration undermined by systemic patronage, the Canadian parliament decided that public servants would be selected on the basis of merit, through a system administered by an independent agency: the Public Service Commission of Canada. This history, celebrating the 100th anniversary of the Commission, recounts its unique contribution to the development of an independent public service, which has become a pillar of Canadian parliamentary democracy.

**Licence:** CC BY-NC-SA 4.0

## Keys to Understanding the Middle East: Diverse Perspectives

This text covers introductory concepts in Middle-Eastern politics, from religious identity to stateless nations.

**Includes:** Key concepts, glossary

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## U.K.'s Changing Democracy: The 2018 Democratic Audit

The UK's Changing Democracy presents a uniquely democratic perspective on all aspects of UK politics, at the centre in Westminster and Whitehall, and in all the devolved nations. Set against the global rise of debased semi-democracies, the book's approach returns our focus firmly to the big issues around the quality and sustainability of the UK's liberal democracy.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

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# Department of Psychology

## Discover Psychology 2.0: A Brief Introductory Text

This textbook presents core concepts common to introductory courses. The 15 units cover the traditional areas of intro-to-psychology; ranging from biological aspects of psychology to psychological disorders to social psychology. This book can be modified: feel free to add or remove modules to better suit your specific needs. Each module in this book is accompanied by instructor's manual, PowerPoint presentation, test items, adaptive student quiz, and reading anticipation guide.

**Includes:** Instructor resources, discussion questions, summaries

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Human Development

This open textbook is designed for Human Development, providing a bird's eye view of major milestones and developmental tasks during each age period, starting at conception and ending with old age.

**Includes:** Learning objectives, optional reading

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Applied Statistics for Psychology Students

The book was written to meet the needs of University of Saskatchewan psychology students at the undergraduate level, and features SPSS lessons.

**Includes:** Definitions, datasets used in SPSS lessons

**Licence:** CC BY-NC-SA 4.0

## Introduction to Psychology [New]

This introductory text has been created from a combination of original content and materials compiled and adapted from a number of open text publications [Description from resource].

**Includes:** summaries, key terms, and self-tests



**Licence:** CC BY-NC-SA 4.0

## Introduction to Psychology, 1st Canadian Edition

This textbook is an adaptation of the open Introduction to Psychology book. A psychology professor from Royal Roads University adapted it as part of the B.C. Open Textbook Project and added several case studies, examples, and sections. This textbook, and its original version, have both been successfully adopted.

**Includes:** Instructor resources, student resources, applications, summaries, case studies, exercises and critical thinking problems, test bank

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the BCcampus Open Textbook Collection

## Introduction to Psychology Study Guide [New]

This study guide is designed to accompany the *Introduction to Psychology – 1st Canadian Edition* open text by Jennifer Walinga and Charles Stangor. For each chapter it summarizes the learning objectives and presents multiple-choice, true-false and fill-in-the-blank tests of the material covered. It provides links to resources to enable students to deepen their understanding of key topics and to explore related issues. Finally, it offers suggestions for hands-on activities relevant to each chapter [Description from resource].

**Includes:** self-testing activities, additional resources, instructor activity suggestions

**Licence:** CC BY-NC 4.0

## Introduction to Psychology: The Full Noba Collection

This textbook represents the entire catalog of Noba topics. It contains over 100 learning modules covering every area of psychology commonly taught in introductory courses. This book can be modified: feel free to rearrange or remove modules to better suit your specific needs. Please note that the publisher requires you to log in to download the textbooks. Reviews are available.

**Includes:** Review questions, ancillary materials

**Licence:** CC BY-NC-SA 4.0

## Mind, Body, World: Foundations of Cognitive Science

Intended to introduce both graduate and senior undergraduate students to the foundations of cognitive science, *Mind, Body, World* addresses a number of questions currently being asked by those practicing in the field: What are the

core assumptions of the three different schools? What are the relationships between these different sets of core assumptions? Is there only one cognitive science, or are there many different cognitive sciences?

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

**Reviews:** Available through the Open Textbook Library

## Principles of Social Psychology: 1st International Edition

The first International edition of this textbook provides students with an introduction to the basic concepts and principles of social psychology from an interactionist perspective.

**Includes:** Index, glossary, and exercises

**Licence:** CC BY-NC-SA 4.0

## Psychological Adjustment

This textbook for Psychological Development was created by Dr. Tori Kearns and Dr. Deborah Lee. Topics covered include: Theories of Humanistic and Personality Psychology; Coping and Mental Illness; Interpersonal Communication; Sexuality; Understanding Gender; Work and Choosing a Career; Coping with Death and Loss; and Finding Meaning.

**Includes:** Learning objectives, reflection questions

**Licence:** CC BY 4.0

## Psychology, 2nd Edition (OpenStax)

This textbook covers all of the standard first-year psychology concepts. As an OpenStax textbook it includes many student and instructor resources.

**Includes:** Applications, instructor resources, student resources, animations and simulations, critical thinking and reflection exercises, test bank

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Psychology of Language [New]

This course will provide students with the fundamentals of linguistic and psycholinguistic theory. Students will explore the nature of language and learn about the basic components studied by psycholinguists. They will also gain an understanding of language development as well as the biological basis of language. Language processes such as

comprehension, reading, and speaking will also be explored, along with the current models of comprehension and production [Description from resource].

**Includes:** Facilitation plan, lecture slides, discussion topics, student assignments.

**Licence:** CC BY

## Research Methods in Psychology, 4th Edition [New]

A comprehensive textbook for research methods classes. A peer-reviewed inter-institutional project.

This adaptation constitutes the fourth edition of this textbook, and builds upon the second Canadian edition by Rajiv S. Jhangiani (Kwantlen Polytechnic University) and I-Chant A. Chiang (Quest University Canada), the second American edition by Dana C. Leighton (Texas A&M University-Texarkana), and the third American edition by Carrie Cuttler (Washington State University) and feedback from several peer reviewers coordinated by the Rebus Community [Description from resource].

**Includes:** Exercises, key takeaways, glossary

**Licence:** CC BY-NC-SA

## Research Methods in Psychology: 2nd Canadian Edition

This open textbook introduces students to the fundamental principles of what it is like to think like a psychology researcher. It connects research being generated in Canada as well as provide an accurate picture of the Canadian context for ethical human research. This textbook is an adaptation of one written by Paul C. Price (California State University, Fresno).

**Includes:** Exercises, key takeaways, glossary

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the ecampusOntario Open Library

## Together: The Science of Social Psychology

This sociology text has been positively-reviewed by peers. It covers introductory concepts in sociology, from the science of social psychology to organizational behaviour.

**Includes:** Instructor resources, vocabulary, discussion questions

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## What is Cognitive Psychology?

Beginning with the basics of information processing, Dawson explores what experimental psychologists infer about these processes, and considers what scientific explanations are required when we assume cognition is rule-governed symbol manipulation. From these foundations, psychologists can identify the architecture of cognition and better understand its role in debates about its true nature.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

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# Department of Sociology

## Sociology

### Beyond Race: Cultural Influences on Human Social Life

This sociology text covers introductory concepts in cultural sociology, from culture and meaning to cultural identity.

**Includes:** Learning objectives, key terms and concepts

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

### Foundations in Sociology, Volume I: Social Construction of Everyday Life

One part of a two-part introduction to the discipline of sociology, the study of society. It examines how we come to understand and experience ourselves and the world around us and how we create culture. Students will be introduced to the study of culture, socialization, social interaction, identity formation and self-fashioning, the social construction of class, gender and race, age, deviance, and other social phenomena. This two-volume series is based on *Introduction to Sociology – 2nd Canadian Edition*, was adapted for use at the University of Saskatchewan.

**Includes:** Learning objectives, videos, key terms, and concepts

**Licence:** CC BY 4.0

### Foundations in Sociology, Volume II: Society, Structure, Process

The second part of a two-part introduction to the discipline of sociology, the study of society. It examines theories and methods for studying changes to the nature and organization of society from pre-modern, to modern and post-modern. Students will be introduced to core sociological concepts used to understand social inequality, social order, social change, and globalization. This two-volume series is based on *Introduction to Sociology – 2nd Canadian Edition*, was adapted for use at the University of Saskatchewan.

**Includes:** Learning objectives, videos, key terms, and concepts

**Licence:** CC BY 4.0

## Introduction to Sociology, 2nd Canadian Edition

This text covers introductory concepts in sociology, from sociological research to government and politics. It is modified for a Canadian environment from the very popular OpenStax textbook, reviews of which can be read [here](#), and ancillary materials for which can be found [here](#).

**Includes:** Case studies, key terms, section quizzes

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library and Campus Manitoba.

## Principles of Sociological Inquiry: Qualitative and Quantitative Methods

This text covers introductory concepts in sociological methods.

**Includes:** Learning objectives, key takeaways, exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library and Campus Manitoba.

## A Quick Guide to Quantitative Research in the Social Sciences

This book is intended as an easy-to-use guide for anyone who needs some quick and simple advice on quantitative aspects of research in social sciences, which may prove useful as a supplemental material for undergraduate or graduate students. Chapters are organized by the research process.

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Social Problems: Continuity and Change

This text provides an overview of social problems, including poverty, racial and gender inequality, ageism, the economy, healthcare, and war.

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Sociocultural Systems

*Sociocultural Systems* open access book aims to reinstate macrosociology as the heart of the discipline by demonstrating that both classical and contemporary macrosociologists stand upon common ground. Focusing on the broad issues that concerned the founders, Elwell addresses questions such as: Historically, what factors accounted for the origin, survival, and evolution of sociocultural systems? Why were some societies more technologically advanced than others? What is the origin of capitalism? What factors determine the allocation of goods and services within and among societies? What effects do changes in government and economic institutions have on communities?

**Includes:** Independently developed ancillary materials, end of chapter summaries, reviews, and scenarios for application, key takeaways, reflection questions

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## Sociology of Education in Canada

Sociology of Education in Canada utilizes a contemporary theoretical focus to analyze how education in Canada is affected by pre-existing and persistent inequalities among members of society. It presents the historical and cultural factors that have shaped our current education system, examines the larger social trends that have contributed to present problems, discusses the various interest groups involved, and analyzes the larger social discourses that influence any discussion of these issues.

**Includes:** Review questions, exercises, key terms, glossary, film recommendations

**Licence:** CC BY-SA 4.0

## Sociology of Family [New]

This course is an introduction to a sociological examination of contemporary family forms and relations in North American society. Topics include: theories and methods for understanding families; formation of intimate relationships; mate selection processes; marriage and parenting; families over the life course; gender issues and transitions in families.

This course is comprised of 12 units designed to be delivered over a 13-week semester. The course layout is aligned with the textbook: *Families Across the Life Course* (2nd Ed.) by Silvia K. Bartolic, Todd F. Martin, and James M. White. Course materials include introductory resources and guidelines for the first week followed by an instructor's manual, testbank, and answer key for each of the remaining 12 weeks.

Assessment for this course is based on weekly chapter quizzes, class work and participation, a unit reflection component, peer feedback, a collaborative book review project, and final exam. Quizzes are not included in this course pack. Instead, it is expected that instructors will choose questions from the testbanks to create their own. A sample final exam is provided. [Description from resource].

**Licence:** CC BY

## Together: The Science of Social Psychology

This sociology text has been positively-reviewed by peers. It covers introductory concepts in sociology, from the science of social psychology to organizational behaviour.

**Includes:** Instructor resources, vocabulary, discussion questions

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Law and Society

### Crime and Fear in Public Places

This open access essay collection aims to illustrate the complexity of patterns of crime and fear in public places with examples of studies on these topics contextualized in different cities and countries around the world. This is achieved by tackling five crosscutting themes: the nature of the city's environment as a backdrop for crime and fear; the dynamics of individuals' daily routines and their transit safety; the safety perceptions experienced by those who are most in fear in public places; the metrics of crime and fear; and finally, examples of current practices in promoting safety.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Criminal Futures

This open access book explores how predictive policing transforms police work. An accessible and compelling read, this book will appeal to students and scholars of criminology, sociology, and cultural studies as well as to police practitioners and civil liberties advocates, in addition to all those who are interested in how to implement reasonable forms of data-driven policing.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Explaining Criminal Careers: Implications for Justice Policy

Explaining Criminal Careers is an open access book that presents a simple quantitative theory of crime, conviction and reconviction.

**Licence:** CC BY-NC-ND 3.0 (Note: This is an open access text which restricts remixing and adapting).



## Healing the American Community: Race and Criminal Justice (Chapter 10)

This is an open access chapter in the book *Imagining a Greater Justice*. This book develops a concept of relational justice for survivors, offenders and community by paying close attention to the relational harms suffered by victims.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Improving Interagency Collaboration, Innovation and Learning in Criminal Justice Systems

This edited open access collection seeks to improve collaboration between criminal justice and welfare services in order to help prepare offenders for life after serving a prison sentence.

**Licence:** CC BY 4.0

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# School of Creative and Performing Arts

## Dance

### Dance Theory and Composition

Available through MIT OpenCourseware, this course introduces students to the art and formal ideologies of contemporary dance. We explore the aesthetic and technical underpinnings of contemporary dance composition. Basic compositional techniques are discussed and practiced, with an emphasis on principles such as weight, space, time, effort, and shape. Principles of musicality are considered and developed by each student. Working with each other as the raw material of the dance, students develop short compositions that reveal their understanding of basic techniques. Hopefully, students come to understand a range of compositional possibilities available to artists who work with the medium of the human body.

**Licence:** CC BY-NC-SA

### Meet the Dance Makers: Profiles of Creativity, Innovation, & Tradition [New]

Dance makers around the world offer many unique perspectives comprising a diverse range of social and cultural identities, histories, and practices. The purposes of choreography may also vary greatly based on where a choreographer is making dance and how that place and its people define and value dance. For example, in many western cultures such as in the United States, dance is perceived as an art form, as entertainment, as sports/health activity, and as social and cultural tradition. Whereas, in some cultures, dance is a purely social, traditional, or ritual-based phenomena in which gestural elements, performance environments, costuming, and training may be related to rites of passage, familial or community roles, or religion. This book features interviews with dozens of choreographers, producers, and performers from around the world to give readers a sense of the vast array of the purposes, meanings, and impacts of dance [Description from resource].

**Includes:** Text-based interview with each choreographer

**Licence:** CC BY-NC-ND (Note: this is an open access resource that does not allow for remixing and adaptation)

### Traditions in American Concert Dance: Gender and Autobiography

This course explores the forms, contents, and context of world traditions in dance that played a crucial role in shaping American concert dance. For example, we will identify dances from an African American vernacular tradition that were transferred from the social space to the concert stage. We will explore the artistic lives of such American dance artists as Katherine Dunham, Pearl Primus, and Alvin Ailey along with Isadora Duncan, Martha Graham, George Balanchine, and Merce Cunningham as American dance innovators. Of particular importance to our investigation will be the construction of gender and autobiography that lie at the heart of concert dance practice, and the ways in which these qualities have been choreographed by American artists.

**Licence:** CC BY-NC-SA

## Drama

### An Introduction to Technical Theatre

This textbook's accessible format is designed for students at all levels, including those studying technical theatre as an elective part of their education. The text's modular format is also intended to assist teachers approach the subject at their own pace and structure, a necessity for those who may regularly rearrange their syllabi around productions and space scheduling.

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

### Theatrical Worlds

This introductory text for theatre and theoretical production seeks to give insight into the people and processes that create theatre.

**Includes:** Interviews

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**Reviews:** Available through the Open Textbook Library

## Music

### Classical Music: Contemporary Perspectives and Challenges

This collection reflects on classical music as it advances through the twenty-first century. With insights drawn from leading composers, performers, academics, journalists, and arts administrators, special focus is placed on classical music's defining traditions, challenges and contemporary scope. Although this book is free to read and reuse, it is not licensed for editing or remixing.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Free Music Archive

This collection includes public domain and Creative Commons licensed sound recordings.

**Licence:** CC BY-NC-SA 3.0, unless otherwise noted.

## Fundamentals, Function, and Form: Theory and Analysis of Tonal Western Art Music

This textbook by Andre Mount provides its readers with a comprehensive study of the theory and analysis of tonal Western art music.

**Includes:** Activities, summaries

**Licence:** CC BY-NC 4.0

## Make It New: Reshaping Jazz in the 21st Century

This work profiles a number of modern jazz performers.

**Includes:** Interviews

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Music: Its Language, History and Culture

The chapters in this book contain definitions and explanations of musical terms and concepts, short essays on subjects related to music as a creative performing art, biographical sketches of major figures in music, and background information on music from different periods and locations.

**Includes:** Instructor and student resources

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Music Appreciation I (Lumen)

Based on the Lumen Learning course, Music Appreciation now hosted on Course Hero, this online LibreTexts book is designed to give the student an appreciation of music by exposing them to many musical styles, composers, historical trends, as well as increasing their aural, verbal, and writing skills in describing music.

**Includes:** Question banks

**Licence:** CC BY-SA 4.0

## Music Appreciation II (Lumen)

Based on the Lumen Learning course, Music Appreciation now hosted on Course Hero, this online LibreTexts book is designed to give the student an appreciation of music by exposing them to many musical styles, composers, historical trends, as well as increasing their aural, verbal, and writing skills in describing music.

**Includes:** Question banks

**Licence:** CC BY-SA 4.0

## Music Theory for the 21st-Century Classroom

*Music Theory for the 21st-Century Classroom* is an openly-licensed online four-semester college music theory textbook. This text differs from other music theory textbooks by focusing less on four-part (SATB) voiceleading and more on relating harmony to the phrase.

**Includes:** Video with embedded start and stop times, homework assignments, practice tests

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## Open Music Theory

This book is an interactive, online “text” book for college-level music theory courses.

**Includes:** Interactive music-notation modules

**Licence:** CC BY-SA 4.0

## Original Études for the Developing Conductor [New]

**Original Études for the Developing Conductor** is a collection of supplemental études designed to enhance contemporary conducting pedagogy by amplifying the voices of composers from historically excluded groups. Each étude was commissioned from and composed by a living composer, the majority of whom are woman-identifying composers and/or composers of color. Each étude also addresses multiple specific pedagogical goals common to all conducting classrooms. [Description from resource].

**Includes:** MP4 zip file and link to YouTube playlist, score and parts files.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through Open Textbook Library.

## Principles of Orchestration, with Musical Examples Drawn from His Own Works

This work by Rimsky-Korsakov illustrates composition for orchestra.

**Licence:** Public Domain

## The Public Domain Song Anthology

This is a collection of 348 popular songs with modern and traditional harmonization. This resource was curated by two leading jazz repertory experts and consists of songs in the US public domain.

**Includes:** Lead sheets

**Licence:** CC0 1.0 Universal (CC0 1.0) Public Domain

## Understanding Basic Music Theory

A concise introduction to the fundamentals of music theory.

**Licence:** CC BY 2.0

**Reviews:** Available through the Open Textbook Library

## Understanding Music: Past and Present

This is a peer-reviewed open Music Appreciation textbook co-authored by music faculty across Georgia. The text covers the fundamentals of music and the physics of sound, an exploration of music from the Middle Ages to the present day, and a final chapter on popular music in the US.

**Includes:** Audio/video clips, glossary

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Music: Education

### Brass Techniques and Pedagogy

Textbook for undergraduate brass methods course focusing on brass instrument techniques and pedagogy.

**Includes:** Guided practice lessons, fingering charts, practice materials, terminology, additional resources

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Engaging Students: Essays in Music Pedagogy

*Engaging Students: Essays in Music Pedagogy* presents short essays on the subject of student-centered learning, and serves as an open-access, web-based resource for those teaching college-level classes in music.

**Licence:** CC BY-SA 4.0

## Music and the Child

This book explores a holistic, artistic, and integrated approach to understanding the developmental connections between music and children. This book guides professionals to work through music, harnessing the processes that underlie music learning, and outlining developmentally appropriate methods to understand the role of music in children's lives through play, games, creativity, and movement. Additionally, the book explores ways of applying music-making to benefit the whole child, i.e., socially, emotionally, physically, cognitively, and linguistically.

**Includes:** Activities, case studies, recommended resources, vocabulary

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## The Politics of Diversity in Music Education

The open access book *Politics of Diversity in Music Education* attends to the political structures and processes that frame and produce understandings of diversity in and through music education practice, policy, and research.

**Licence:** CC BY 4.0

## Teaching Low Brass

This textbook focuses on two areas: basic information including pedagogical material for teaching low brass students and low brass etudes. The information is divided into several categories including brass history, the overtone series, general intonation tendencies, embouchure, instruments and equipment, literature, maintenance, vibrato, and low brass in the marching band. Etudes are incorporated in the appendix of the textbook. Instrument fingerings, slide positions, and simple warm-up material is also available in the appendix.

**Includes:** Etudes, fingerings, slide positions, warm ups, major scales

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Visions for Intercultural Music Teacher Education

This edited open access volume highlights the importance of visions for intercultural music-teacher education in a time of increasing social complexity.

**Licence:** CC BY 4.0

## Vocal Techniques for the Instrumentalist, 2nd Edition

The purpose of this text is to teach instrumental music education students about vocal production as it applies to solo singing. Beginning with a foundational understanding of breathing, singers will learn about the vocal instrument (anatomy), how to create clear, pleasant, tone (phonation and resonance), pronounce words clearly (articulation and diction) and how singing is similar, and different, from playing an external instrument.

**Includes:** Assignments, exercises, practice log, glossary

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Music: History

### Essays on Music and History in Africa

This classic ethnomusicological survey provides as a valuable guide to African music. The essays review a broad swath of genres and topics, including court songs and music history, musical instruments in different traditions, and the connection between Islam and African music.

**Licence:** CC BY-NC-ND (Please note that the more restrictive license does not allow for editing or remixing of the work.)

### Historical Anthology of Music by Women

This collection of 51 works by 37 composers spans eleven centuries of Western art music.

**Licence:** CC BY-NC-ND (Please note that the more restrictive license does not allow for editing or remixing of the work.)



## Music of the Twentieth Century: A Study of Its Elements and Structure

This work discusses changes in musical approaches, including in rhythm, melody, timbre, and others, during the 20th century.

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## Musical Composition in the Context of Globalization: New Perspectives on Music History in the 20th and 21st Century

This open access book discusses the effects of cultural globalization on processes of composition and distribution of art music in the 20th and 21st century.

**Licence:** CC BY 4.0

## Open Access Musicology: Volume One

This open access essay collection provides an exploration of musicological analysis, with topic spanning from ancient Mesopotamian music to Jenny Lind.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## A Survey of Wind Literature from 1551-2022 [New]

As an educator I am constantly reminded that in order to understand how we view music for winds today it is important to study and learn where our craft came from, and how it developed over time. This text book is meant to help with just that, by being an affordable resource that could be used in conjunction with a collegiate course on wind literature. The twelve chapters here explore music written for winds from as early as 1551 through 2022, when the bulk of this document was written. [Description from resource].

**Includes:** music and performance recordings

**Licence:** CC BY-NC-ND (Note: this is an open access resource that does not allow for remixing and adaptation)

## Understanding Music: Past and Present

This textbook is co-authored by music faculty across Georgia. The text covers the fundamentals of music and the physics of sound, an exploration of music from the Middle Ages to the present day, and a final chapter on popular music in the United States.

**Includes:** Audio clips, video, listening guides, chapter summaries, glossary

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Music: Performance

### The End of a Golden Era of British Music? (Chapter 31)

This is an open access chapter in the *Innovation in Music: Performance, Production, Technology and Business* essay collection. The creative industries, and particularly our UK Music industry, are perceived as healthy, resilient and strong. However, with the ongoing policy changes in secondary and higher education, as well as the continued cuts to council budgets and the ongoing lack of commitment to wealth distribution and even investment in the whole nation, this golden era of the creative industries in the UK may not last. In my latest articles, I explore critical themes relevant for the UK Music industry and the UK creative sector as a whole. Current national policy expressions often omit to address these themes, which are necessary to safeguard our future creative resilience. In writing this article, much relevance will be drawn from making connections to recent public debates on what universities are for and what their role is within the creative economy. Attention is given to considering current governmental industry strategies critically and their relevance for the music industry, together with their sector responses.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

### Knowing in Performing: Artistic Research in Music and the Performing Arts

This open access book describes dynamic processes of artistic knowledge production in music and the performing arts. Please check the table of contents as some chapters are available in English and some in German.

**Licence:** CC BY-SA 4.0

### A Musicology of Performance: Theory and Method Based on Bach's Solos for Violin

This open access book presents a musicological framework for studying musical performance, focused on violin performance.

**Licence:** CC BY 4.0

### Playing to the Crowd: Musicians, Audiences, and the Intimate Work of Connection

Playing to the Crowd explores and explains how the rise of digital communication platforms has transformed artist-fan relationships.

**Licence:** CC BY-NC-SA 4.0

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# School of Languages, Linguistics, Literatures and Culture

## Languages (General)

### COERLL [New]

A website developed by the Center for Open Educational Resources and Language Learning with learning materials, language tools, and teaching methods for learning languages.

**Licence:** Licenses may vary.

## Arabic Language and Muslim Culture

### Elementary Arabic I

This is an open textbook on Beginner Arabic for undergraduate students who are taking Arabic in their first semester. It addresses letters and sounds of Arabic along with basic skills in reading, speaking and writing. The book can be used as a self-study resource or as the main textbook in beginning Arabic classes.

**Includes:** Activities, audio files, review questions, and worksheets

**Licence:** CC BY 4.0

### Elementary Arabic II

This open textbook is intended for beginning students of Arabic who have already covered their literacy skills and ready to explore language in a lively and interactive approach. This OER is unique in its presentation of Arabic language content through theme-based modules. Each theme is addressed through vocabulary, grammar, reading, speaking, culture, and writing components. Each chapter includes self-check embedded quizzes that help learners digest language concepts. The book is also designed with teachers in mind. Each chapter includes pair work and group tasks that the teacher can implement in class and other parts that can be assigned as homework. The focus of the book is to establish a sound basis in Standard Arabic structure in a simplified and sequenced approach. Additionally, each theme will include a conversation section in which a module on Egyptian Arabic is presented. While developing a solid foundation in written Arabic, the Egyptian Arabic component will enhance students' spoken fluency and enrich their cultural experience in their language learning journey.

**Includes:** Activities, audio files, review questions, and worksheets

**Licence:** CC BY 4.0

## FROM MSA to CA: A Beginner's Guide to Transitioning to Colloquial Arabic

This book is for students who have studied Modern Standard Arabic (MSA) for one year or more and would like to learn colloquial Arabic basics using their knowledge of MSA. It aims at transitioning learners from Novice Mid level to Intermediate Low through presenting situations useful for living in an Arab country.

**Includes:** Hyperlinks, practice dialogues with open answers, cultural tips, and more.

**Licence:** CC BY-NC 4.0

## Asian Studies

### Asian Century... on a Knife-edge

This open access book delves into the widely held belief that the 21st century will be the “Asian Century” by examining the Asia's rapid economic development in the post-war era and the challenges it faces in forging ahead of world leaders in the West. The impact of the current turbulent global political climate on Asia is critically analyzed, employing a holistic and multidisciplinary approach, combining economic, social, political and geopolitical perspectives. Written in an accessible style, the book offers students, business, government, and civil society players powerful insights on Asia.

**Licence:** CC BY 4.0

## Basic Hindi I

Basic Hindi I is an online, interactive, theme-based textbook for the true beginner of Hindi language.

**Includes:** Reading/listening exercises, chapter reviews, cultural notes, links to extra optional content

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Global History and New Polycentric Approaches

This edited open access volume considers how global issues are connected with our local and national communities.

**Licence:** CC BY 4.0

## A Short History of Religious and Philosophic Thought in India

This book offers an accessible introduction to the topic.

**Licence:** Please note that while free to read online, this content is not licensed for reuse.

## South and East Asian Philosopher Reader

This open textbook was developed for use in a lower-level Philosophy course.

**Licence:** CC BY-NC-SA 4.0

## Tajik Persian: Readings in History, Culture and Society

This book seeks to help students develop reading proficiency in Tajik at advanced level through authentic texts written for native speakers and provides them glimpses into the history, culture and society of Tajikistan without losing its focus on cultural aspects of the country.

**Includes:** Exercises and answers, glossary

**Licence:** CC BY-NC 4.0

## Chinese

### Chinese (Mandarin)

This book is continually being updated and refined. It assumes no prior knowledge of Chinese.

**Licence:** CC BY-SA 4.0

### Elementary Mandarin

This course is designed for learners with no background in Chinese. It introduces basic structures of the Mandarin Chinese language with emphasis on listening, speaking, reading and writing skills.

**Includes:** Homework exercises, writing handouts, word lists

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## East Asian Studies

### A History of China

This book, available through Project Gutenberg, covers prehistory, from antiquity, to the middle ages, to modern times.

**Licence:** Public Domain

### Korean Through Folktales (PDF)

Through the selected folktales and various activities offered in the book, students can gain cultural knowledge and insights into traditional and cultural values. They will also receive linguistic lessons to reinforce their acquired skills and to apply the learned materials in an integrated approach. This book is designed to accompany first-, second-, and third-year Korean courses.

**Includes:** Exercises, videos

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

### Interpreting Love Narratives in East Asian Literature and Film

This book explores the role of traditional East Asian worldviews, ethical values, and common practices in the shaping of East Asian narratives in literature and film.

**Includes:** Glossary, phrases, abbreviations, main ideas

**Licence:** CC BY-NC 4.0

### An Outline History of East Asia to 1200, 2nd Edition

This is the second edition of the open access textbook that arose out of a course at the University of California, San Diego, called HILD 10: East Asia: The Great Tradition. The course covers what have become two Chinas, Japan, and two Koreas from roughly 1200 BC to about AD 1200. The book does not stand alone: the teacher should assign primary and secondary sources, study questions, dates to be memorized, etc. The maps mostly use the same template to enable students to compare them one to the next.

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**Reviews:** Available through the Open Textbook Library

## South and East Asian Philosopher Reader

This open textbook was developed for use in a lower-level Philosophy course.

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## SUMI-E: An Introduction to Ink Painting

Sumi-e, or ink and brush painting, is discussed in terms of the religion and philosophy it expresses.

**Licence:** Public Domain

## French and Francophone Studies

### CITOYEN.NE.S: Conversation en Français

Intended for teaching French conversation at the intermediate level, this text focuses on the themes of inclusivity and citizenship.

**Includes:** Grammar reviews, creative activities

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

### Français Interactif

This open textbook accompanies course content that explores the French language and culture by following the lives of students participating in an intensive French language programming.

**Includes:** Videos, audio vocabulary recordings, phonetics lessons, and online activities

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to French

Introduction to French is a basic French language textbook designed to develop reading, writing, and speaking skills of college students in classrooms across Canada.



**Includes:** Audio files

**Licence:** CC BY-NC-SA 4.0

## Let's Read French Books

This reader contains samples of 19th-century French literature, including both simplified and original texts.

**Includes:** Activities, glossaries

**Licence:** CC BY-NC-SA 4.0

## Liberté

This is an introductory level French textbook that is focused on the communicative approach. Each chapter includes around communicative strategies, culture and grammar.

**Includes:** Exercises, instructor volumes

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Sons & Lettres: A pronunciation method for intermediate-level French

This textbook provides a set of classroom materials to train students to hear and produce the sounds of French and to recognize the regular spellings used to represent those sounds in print.

**Includes:** Exercises, audio on supplementary website

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Tout un Monde: An Interdisciplinary Approach to Intermediate French

Written by a faculty at University of Texas Arlington, this book is intended for use with intermediate level college French classes. Its multidisciplinary approach introduces students to topics and vocabulary associated with fields such as medicine, advertising, travel, business, agriculture, and relationships.

**Includes:** Exercises

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## German Language and Culture

### As German as Kafka: Identity and Singularity in German Literature around 1900 and 2000

This open access book is the first to show parallels between two riveting periods in German cultural history. Drawing on the philosophical oeuvre of Jean-Luc Nancy, a comparative reading of texts by, amongst others, Beer-Hofmann, Kermani, Özdamar, Roth, Schnitzler, and Zaimoglu examines a variety of literary approaches to the thorny issue of cultural identity, while developing an overarching perspective on the 'politics of literature'. Please note that this book can be read for free, it is not licensed for editing or remixing.

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### Beyond Autonomy in Eighteenth-Century British and German Aesthetics

Open access chapters within this copyrighted volume re-examines traditional interpretations of the rise of modern aesthetics in eighteenth-century Britain and Germany. It provides a new account that connects aesthetic experience with morality, science, and political society. In doing so, it challenges long-standing teleological narratives that emphasize disinterestedness and the separation of aesthetics from moral, cognitive, and political interests.

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### The Chatter of the Visible: Montage and Narrative in Weimar Germany

This open access book examines the paradoxical narrative features of the photo montage aesthetics of artists associated with Dada, Constructivism, and the New Objectivity. While montage strategies have commonly been associated with the purposeful interruption of and challenge to narrative consistency and continuity, McBride offers a historicized reappraisal of the 1920s and 1930s German photomontage work to show that its peculiar mimicry was less a rejection of narrative and more an extension or permutation of it—a means for thinking in narrative textures exceeding constraints imposed by “flat” print media (especially the novel and other literary genres).

**Licence:** CC BY 4.0

### Deutsch im Blick – 2nd Edition

This textbook includes all 10 chapters of *Deutsch im Blick*. It accompanies the web-based first-year German program developed and in use at the University of Texas since 2008, and its companion site, Grimm Grammar. *Deutsch im Blick* is an open-access site with free and open multimedia resources, which requires neither password nor fees. For beginner and early intermediate students of German.

**Includes:** Pronunciation, group activities, cultural information, reading tasks, writing activities, and games

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## The Drama of German Expressionism: A German-English Bibliography

Originally published in 1960, this open access bibliography with more than five thousand items provided an indispensable tool for those interested in the German expressionist plays. The volume contains a general bibliography on German expressionistic drama and as well as sixteen leading German playwrights: Barlach, Brecht, Bronnen, Goering, Hasenclever, Jahn, Johst, Kaiser, Kokoschka, Kornfeld, Rubiner, Sorge, Sternheim, Toller, Unruh, and Werfel.

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## Envisioning Socialism: Television and the Cold War in the German Democratic Republic

Envisioning Socialism examines television and the power it exercised to define the East Germans' view of socialism during the first decades of the German Democratic Republic. In the first book in English to examine this topic, Heather L. Gumbert traces how television became a medium prized for its communicative and entertainment value. She explores the difficulties GDR authorities had defining and executing a clear vision of the society they hoped to establish, and she explains how television helped to stabilize GDR society in a way that ultimately worked against the utopian vision the authorities thought they were cultivating. Gumbert challenges those who would dismiss East German television as a tool of repression that couldn't compete with the West or capture the imagination of East Germans. Instead, she shows how, by the early 1960s, television was a model of the kind of socialist realist art that could appeal to authorities and audiences. Ultimately, this socialist vision was overcome by the challenges that the international market in media products and technologies posed to nation-building in the postwar period. A history of ideas and perceptions examining both real and mediated historical conditions, Envisioning Socialism considers television as a technology, an institution, and a medium of social relations and cultural knowledge. The open access book will be welcomed in undergraduate and graduate courses in German and media history, the history of postwar Socialism, and the history of science and technologies.

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## A Foundation Course in Reading German

A textbook published by University of Wisconsin-Madison and went through many versions over the years, it is designed to guide a learner who has no previous German experience to gain the ability to accurately understand formal written German prose, aided only by a comprehensive dictionary.

**Includes:** Objectives, exercises, and answer keys

**Licence:** CC BY-NC-SA 4.0

## Friedrich Nietzsche's Impact on Modern German Literature: Five Essays

These previously published essays discuss Nietzsche's influence on Arthur Schnitzler, Carl Sternheim, Georg Kaiser, Robert Musil, and Hermann Hesse. As a Festschrift, it also contains a tribute to Herbert W. Reichert and a bibliography of his writings.

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## From Goethe to Gundolf: Essays on German Literature and Culture

From Goethe to Gundolf: Essays on German Literature and Culture is an open access collection of Roger Paulin's essays, spanning the last forty years. The work represents his major research interests of Romanticism and the reception of Shakespeare in Germany, but also explores a broader range of themes, from poetry and the public memorialization of poets to fairy stories – all meticulously researched, yet highly accessible.

**Licence:** CC BY 4.0

## German Frame-semantic Online Lexicon

This open German-English vocabulary resource applies the linguistic theory of *Frame Semantics* to the language classroom in an effort to teach the meanings of vocabulary items and how to use them appropriately.

**Includes:** Videos, activities

**Licence:** CC BY 4.0

## The German Poetry of Paul Fleming: Studies in Genre and History

This open access study reassesses the poetry of Paul Fleming (1609-1640) in the context of its own literary, historical, and social background. The four chapters focus initially on generic and historical context. The study of selected texts leads to more general considerations of the sources and significance of certain major themes. A number of poems by Fleming and poets contemporary with him uncovered in the twentieth century are evaluated here for the first time. The result is a substantially revised view of Fleming's poetic development. Fleming is shown to have been a more complex and wide-ranging poet than was conventionally thought, one whose debt to Renaissance literary traditions has been underestimated.

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## The German Studies Collaboratory

The Teaching Hub provides a central location for educational materials – syllabi, assignments, projects, activities, lesson plans, frameworks – developed by your German Studies colleagues.

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### Germany on their Minds: German Jewish Refugees in the United States and their Relationships with Germany, 1938-1988

Throughout the 1930s and early 1940s, before closing its borders to Jewish refugees, the United States granted asylum to approximately 90,000 German Jews fleeing the horrors of the Third Reich. And while most became active participants in American society, they also often constructed their individual and communal lives and identities in relation to their home country. Author Anne C. Schenderlein gives a fascinating account of these entangled histories on both sides of the Atlantic, and demonstrates the remarkable extent to which German Jewish refugees helped to shape the course of West German democratization.

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### The Global Lives of German Migrants: Consequences of International Migration Across the Life Course

Based on the German case, this open access book highlights the increasing flows of migration and the internationalisation of individual life courses. It analyses the experiences of migration across four central domains – employment and income, partners and families, health and wellbeing, as well as friends and social participation – which potentially have far-reaching consequences for social inequalities and life chances. The book showcases results from an innovative probability sample that is representative of German emigrants who recently moved abroad and remigrants who recently returned from abroad and compares their international experiences with the sedentary population in Germany. Stays abroad, whether temporary or permanently, have become the new normal for increasing numbers of people from highly developed welfare states. Unnoticed from mainstream migration studies, these countries are today not only major immigration countries but also important sources of international mobility. By providing an empirically founded prism of the global lives of German migrants, this book is a valuable resource for students and researchers of migration, social inequality, and the life course and provides practitioners with insights into these regularly overlooked aspects of international migration.

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### Grenzenlos Deutsch: An open-access curriculum for beginning German

This full-year curriculum is intended as a no-cost alternative to current, more traditional textbooks in the field. It mixes materials rooted in real-world, contemporary communication scenarios, multimedia content, and online learning

activities. The Grenzenlos Deutsch curriculum ensures that the topics of discussion in the language classroom are relevant to and reflect today's world.

**Includes:** Interactive exercises and recommended media resources

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## On the Literature and Thought of the German Classical Era: Collected Essays

This elegant collection of essays ranges across eighteenth and nineteenth-century thought, covering philosophy, science, literature and religion in the 'Age of Goethe.' A recognised authority in the field, Nisbet grapples with the major voices of the Enlightenment and gives pride of place to the figures of Lessing, Herder, Goethe and Schiller.

**Licence:** CC BY 4.0

## The New German Cinema: Music, History, and the Matter of Style

This book covers the role of music in New German cinema.

**Licence:** Please note that this volume is available online for free, but is not licensed for reuse

## Realism and Reality: Studies in the German Novelle of Poetic Realism

In this 1954 study of poetic realism and the "Novelle" form, Silz examines nine "Novellen" by Brentano, Arnim, Droste-Hülshoff, Stifter, Grillparzer, Keller, Meyer, Storm and Hauptmann. Through his textual interpretation of each of these works Silz draws the threads of the transition from Romanticism to Naturalism as well as the development of the "Novelle" form.

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## A Second Life: German Cinema's First Decades

German cinema is best known for its art cinema and its long line of outstanding individual directors. The double spotlight on these two subject has only deepened the obscurity surrounding the popular cinema. This book covers the overlooked period of the first two decades of German cinema.

**Licence:** Please note that this volume is available online for free, but is still under all rights reserved and is not licensed for reuse

## Studies in the German Drama: A Festschrift in Honor of Walter Silz

Sixteen of his former colleagues and students join in this volume in honoring Walter Silz. Concentrating on a single theme—the German drama—this volume contains essays and interpretations of plays ranging from Hrotsvit von Gandersheim to Bertolt Brecht. Eight of the sixteen essays deal with dramas from the area of Silz's main concentration—the nineteenth century. Also included are a tribute to Silz and a bibliography of his writings.

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## Studies in German Literature of the Nineteenth and Twentieth Centuries: Festschrift for Frederic E. Coenen

Twenty-one distinguished American Germanists pay tribute to F. E. Coenen, previous longtime editor (1952-1968) of UNC Press' Studies in Germanic Languages and Literatures series. Their essays—reflecting a variety of approaches—deal with many major (Goethe, Kleist, Droste-Hülshoff, Keller, Nietzsche, Rilke, Kafka, Hesse, Brecht, Thomas Mann, Musil) and some minor figures who have influenced the literary scene after 1800 and add significantly to both scholarship in and interpretation of modern German literature.

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## Treatment of Natives in the German Colonies

In preparation for the peace conference that was expected to follow World War I, in the spring of 1917 the British Foreign Office established a special section responsible for preparing background information for use by British delegates to the conference. Treatment of Natives in the German Colonies is Number 114 in a series of more than 160 studies produced by the section, most of which were published after the conclusion of the 1919 Paris Peace Conference.

**Licence:** Public Domain

## Violent Modernists: The Aesthetics of Destruction in Twentieth-Century German Literature

Kai Evers's *Violent Modernists: The Aesthetics of Destruction in Twentieth-Century German Literature* develops a new understanding of German modernism that moves beyond the oversimplified dichotomy of an avant-garde prone to aggression on the one hand and a modernism opposed to violence on the other. Analyzing works by Robert Musil, Franz Kafka, Karl Kraus, Walter Benjamin, Elias Canetti, and others, Evers argues that these authors are among the most innovative thinkers on violence and its impact on contemporary concepts of the self, history, and society.

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## Willkommen: Deutsch für alle: Introductory German

Willkommen: Deutsch für alle is an innovative first-year German language e-textbook, designed as Open Educational Resource (OER), for learning German at the college/university level. It features a task-based, communicative approach which provides students with opportunities to communicate in German in a variety of contexts and situations. Through a wide range of activities, students develop and practice their language skills which they showcase at the end of each chapter by accomplishing a specific task. Willkommen: Deutsch für alle follows a blended-learning model, a combination of alternating in-class (face-to-face) instruction and interaction, and online (self-paced) individual learning. Both in-class and online activities encourage students to practice the three communicative modes (interpersonal, interpretive, and presentational) and thus the four language skills in an integrated manner. In-class activities provide opportunities for students to use their interactive language skills in a collaborative environment. Online activities aim to review materials from the previous lesson as well as allow students to engage with new information at their own pace. Willkommen: Deutsch für alle takes an inclusive approach to the depiction of people, contexts, and concepts. It views language learners, instructors and a wide range of individuals interacting in German as belonging to a large German-speaking community. Pedagogical as well as authentic cultural materials emphasize the diversity of speakers of German and are purposely inclusive of sexual orientation, race, and ethnicity.

**Includes:** Interactive exercises

**Licence:** CC BY-NC-SA 4.0

## Indigenous Languages

### Bloomfield's Texts

This website presents the texts collected by Leonard Bloomfield in 1930. The website contains links to over eighty stories that are written in both Cree and English. Since these texts were part of the public domain, the Internet Archive made them available, but this new presentation represents another strategy to further collect, preserve, and make available these stories which is an endeavor that began nearly a hundred years ago. Leonard Bloomfield was a linguist who was commissioned by the National Museum of Canada to record stories from master speakers and storytellers which became the book that was published in the 1930s called *Sacred Stories of the Sweet Grass Cree*. Aaron Fay [who programmed and presented this website] is skilled at programming and at presenting information which has allowed these stories to be archived in this user-friendly fashion. Information pertaining to Aaron was difficult to locate, but Aaron is likely Indigenous and the Cree Literacy Network states that Aaron is heavily committed to learning the Cree language (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** Public Domain

## Chapter 11. Indigenous Languages in Essentials of Linguistics

This textbook chapter is about Indigenous languages. The chapter details how the settler government actively worked to endanger Indigenous languages. It also covers the importance of language in crafting Indigenous people's identities.



As well, it notes the skill sets that linguists' can offer to help Indigenous Peoples in revitalizing and preserving their languages. It details preserving and learning the Mohawk language as well as learning about Mohawk culture. It also covers creating materials for teaching Mohawk and how speaking Mohawk is vital in reconciliation efforts (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-SA 4.0

## Cree: Language of the Plains / nēhiyawēwin: paskwāwi-pīkiskwēwin

Cree: Language of the Plains is a comprehensive educational resource, offering a broad range of learning materials that is easily accessible to Cree language learners. This collection includes an updated and redesigned Cree language textbook, Cree language audio labs, and a Cree language workbook.

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## First Voices Languages

This is an online space for Indigenous communities to share and promote language, oral culture and linguistic history. Language teams work with elders to curate and upload audio recordings, dictionaries, songs and stories. Some of this content is shared with community members only, and some is shared with the broader public.

**Licence:** Note that the copyright holder has made the content on the website available to use online, however they are not openly licence.

## Little Cree Books

The Little Cree Books Project publishes short books for beginning readers in Swampy and Plains Cree.

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## Ojibwe People's Dictionary

This online dictionary can be browsed or searched, and currently contains 17,000 word entries.

**Licence:** CC BY-NC-SA is applied to most of the website; however, some videos, photographs, and contributed materials are copyrighted. Please refer to individual resource licence information.

## Italian Studies

### Italian Grammar Open Textbook

This resource provides lessons and activities for beginning Italian grammar.

**Licence:** CC BY-NC 4.0

### Spunti: Italiano elementare 1

Welcome to *Spunti: Italiano elementare 1* – a new, unique program, authored by the Italian faculty of Muhlenberg College, that takes the place of a traditional language textbook. Spunti is a fully designed course that a college instructor of Italian can use and adapt.

**Includes:** Interactive exercises

**Licence:** CC BY-NC-SA 4.0

### Spunti: Italiano elementare 2

Welcome to *Spunti: Italiano elementare 2* – a new, unique program, authored by the Italian faculty of Muhlenberg College, that takes the place of a traditional language textbook. Spunti is a fully designed course that a college instructor of Italian can use and adapt.

**Includes:** Interactive exercises

**Licence:** CC BY-NC-SA 4.0

### Spunti: Italiano intermedio

Welcome to *Spunti: italiano intermedio* – a unique program, authored by the Italian faculty of Muhlenberg College, that takes the place of a traditional language textbook. Spunti is a fully designed course that a college instructor of Italian can use and adapt.

**Includes:** Interactive exercises

**Licence:** CC BY-NC-SA 4.0

## Tutt\* a tavola!: Volume 1

This textbook is volume one of two for a beginning Italian course. Volume 1 has six chapters, each related to a particular cultural theme.

**Includes:** Songs and videos

**Licence:** CC BY-NC 4.0

## Tutt\* a tavola!: Volume 2

This textbook is volume two of two for a beginning Italian course. Volume 2 includes short literary texts in Italian.

**Includes:** Songs and videos

**Licence:** CC BY-NC 4.0

## Japanese Language and Cultures

### Beginning Japanese for Professionals: Book 1

This textbook is designed for beginning learners who want to learn basic Japanese for the purpose of living and working in Japan. Unlike textbooks written primarily for students, whose content largely centers on student life, this book focuses more on social and professional life beyond school. As a beginning level textbook, this book includes many elementary grammar patterns (Japanese Language Proficiency Test Levels 5 and 4), but the vocabulary and situations are selected specifically for working adults. Explanations are kept concise so as to only cover key points. The main focus is on oral communication and the accompanying audio is to be used extensively. This textbook can be used for self-study, as part of an online course, or as a traditional college course.

**Includes:** Lesson reviews, drills and exercises

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

### Beginning Japanese for Professionals: Book 2

This textbook is designed for beginning learners who want to learn basic Japanese for the purpose of living and working in Japan. Unlike textbooks written primarily for students, whose content largely centers on student life, this book focuses more on social and professional life beyond school. As a beginning level textbook, this book includes many elementary grammar patterns (Japanese Language Proficiency Test Levels 5 and 4), but the vocabulary and situations are selected specifically for working adults. Explanations are kept concise so as to only cover key points. The main focus

is on oral communication and the accompanying audio is to be used extensively. This textbook can be used for self-study, as part of an online course, or as a traditional college course.

**Includes:** Lesson reviews, drills and exercises

**Licence:** CC BY-NC 4.0

## Beginning Japanese for Professionals: Book 3

This textbook is designed for beginning learners who want to learn basic Japanese for the purpose of living and working in Japan. Unlike textbooks written primarily for students, whose content largely centers on student life, this book focuses more on social and professional life beyond school. As a beginning level textbook, this book includes many elementary grammar patterns (Japanese Language Proficiency Test Levels 5 and 4), but the vocabulary and situations are selected specifically for working adults. Explanations are kept concise so as to only cover key points. The main focus is on oral communication and the accompanying audio is to be used extensively. This textbook can be used for self-study, as part of an online course, or as a traditional college course. Audio files are also available online.

**Includes:** Lesson reviews, drills and exercises

**Licence:** CC BY-NC 4.0

## The Collection of Creative Writing By Learners of Japanese ??????

This project aims to promote creative writing skills among Japanese language learners and provide them with opportunities to publish their work to benefit future learners.

**Licence:** CC BY-SA 4.0

## Digital Meiji's Revisualizing Modern Japanese History at 150

This book was produced through the Meiji at 150 project, which convened over 60 scholars of Japanese studies from around North America, Japan, and Europe to situate Japan in global history and to interrogate the place of the Meiji Restoration in Japanese history, historical pedagogy, and cultural studies.

**Licence:** CC BY-NC-SA 4.0

## Ghost and the Japanese: Cultural Experience in Japanese Death Legends

This scholarly but accessible work shows how everyday beliefs and customs—particularly death traditions—offer special insight into the living culture of Japan.

**Licence:** Note that while this resource is free to use, it is not licensed for editing or remixing.

## Japanese Irodori

The Japanese-language coursebook Irodori: Japanese for Life in Japan is a textbook for foreign people to learn basic Japanese communication skills that are needed for daily life and working in Japan.

**Licence:** Note that while this resource is free to use, it is not licensed for editing or remixing.

## Japanese – Wikibook

This is an ongoing project that attempts to encompass all aspects of the Japanese language, including pronunciation, reading, writing, and grammar.

**Licence:** CC BY-SA 4.0

## Preadvanced Japanese

This textbook is designed for students who have intermediate competency in Japanese, roughly at Level 2 on the ILR (The Interagency Language Roundtable) proficiency scale, and are working on reaching Level 3. This textbook can be used for self-study, as part of online course, and in a traditional classroom setting.

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Latin

### Open Greek and Latin Project

The ultimate goal is to represent every source text produced in Classical Greek or Latin from antiquity through the present, including texts preserved in manuscript tradition as well as on inscriptions, papyri, ostraca and other written artefacts.

**Licence:** CC BY-SA

## Linguistics

### Analyzing Meaning: An Introduction to Semantics and Pragmatics

This book provides an introduction to the study of meaning in human language, from a linguistic perspective. It covers

a fairly broad range of topics, including lexical semantics, compositional semantics, and pragmatics. The chapters are organized into six units: (1) Foundational concepts; (2) Word meanings; (3) Implicature (including indirect speech acts); (4) Compositional semantics; (5) Modals, conditionals, and causation; (6) Tense & aspect.

**Includes:** Discussion and homework exercises

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Chapter 11. Indigenous Languages in Essentials of Linguistics

This textbook chapter is about Indigenous languages. The chapter details how the settler government actively worked to endanger Indigenous languages. It also covers the importance of language in crafting Indigenous people's identities. As well, it notes the skill sets that linguists' can offer to help Indigenous Peoples in revitalizing and preserving their languages. It details preserving and learning the Mohawk language as well as learning about Mohawk culture. It also covers creating materials for teaching Mohawk and how speaking Mohawk is vital in reconciliation efforts (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-SA 4.0

## Essentials of Linguistics

This peer-reviewed open textbook covers the core areas of theoretical linguistics (phonetics, phonology, morphology, syntax, and semantics), supplemented with discussion of psycholinguistic and neurolinguistic findings.

**Includes:** Videos, interactive assessments.

**Licence:** CC BY-SA 4.0

## How Language Works (Gasser)

This LibreTexts textbook looks at a range of introductory topics and themes related to linguistics, the science of language. It examines some of the biases we all have concerning language and uses this as a base for its exploration.

**Includes:** Exercises, instructor and student resources

**Licence:** GNU General Public License v3 (GPLv3)

## Languages and Worldview

Asking and answering questions about what culture entails and examines the fundamental properties and intertwining

nature of language and culture. This text explores linguistic relativity, lexical differences among languages and intercultural communication, including high and low contexts.

**Includes:** Videos, transcripts, and exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## The Open Handbook of Linguistic Data Management

A guide to principles and methods for the management, archiving, sharing, and citing of linguistic research data, especially digital data. This resource would be suitable for graduate students.

**Licence:** CC BY-NC 4.0

## Portuguese Language and Culture

### Bate-Papo: An Introduction to Portuguese

This book was developed having in mind university students who speak English as their first language. We also took into consideration speakers of Spanish by highlighting some key similarities and differences between the two languages. The main focus of this edition is on Brazilian Portuguese. Occasionally, we highlight main differences between Brazilian Portuguese, Portuguese spoken in Africa and Asia, and European Portuguese. This e-book emphasizes meaningful communicative activities for a classroom setting, focusing on everyday language in Brazilian Portuguese.

**Includes:** Interactive activities and podcasts

**Licence:** CC BY 4.0

### ClicaBrasil: Portuguese Language and Culture for Intermediate Students

ClicaBrasil was developed for intermediate-level Portuguese language courses at UT-Austin. People all over the world are now using it for different purposes: self-study, classroom instruction, tutoring, or as a pastime. The lessons in ClicaBrasil integrate reading, writing, listening and reading comprehension, grammar, vocabulary, oral communication, and cultural activities. Numerous video clips (157, to be precise!) show different Brazilians speaking about their lives, their culture, and their country support and enhance these activities.

**Licence:** CC BY-NC-SA 4.0

## Conversa Brasileira

*Conversa Brasileira* is an online open-access site that contains a series of 35 video scenarios in which Brazilians talk about their daily activities, everything from hobbies to shopping, and from traffic jams to soccer games. These materials are designed to help intermediate- and advanced-level learners of Portuguese to analyze the way that Brazilians really talk and improve in their own proficiency and fluency. This textbook provides a hard copy of all of the online materials, including the dialog transcriptions, English translations, and lesson notes that link to the original website.

**Licence:** CC BY 3.0

## Português para principiantes

*Português para principiantes* is a time-tested text which can be used in conjunction with a variety of approaches to the teaching of beginning Portuguese. This media-rich text is designed to provide learners with a solid grammatical basis for using Brazilian Portuguese as well as regular opportunities to practice and improve their ability to read, speak, and understand the Portuguese language as it is used in contemporary Brazil.

**Licence:** CC BY-NC-SA 4.0

## Russian

### “The Death of Ivan Ilich”: An Electronic Study Edition of the Russian Text

The Russian text of “The Death of Ivan Ilich” is presented for study in various formats: accompanied by an English translation; fully glossed, with explanatory and interpretive annotations; and supplemented by introductory remarks and an extensive bibliography.

**Licence:** CC BY-NC 4.0

### Decoding the 1920s: A Reader for Advanced Learners of Russian

The materials presented in this book were developed for an advanced-level content-based Russian language course at Portland State University entitled “Russian Literature of the Twentieth Century: The 1920s.” Literature of this period is a major part of the Russian canon, but is notoriously difficult for learners of Russian to read in the original, due both to its stylistic complexity and the relative obscurity of its historical, political, and cultural references. And yet, this decade is crucial for understanding Russia – not only in the Soviet period, but also today. This was the period, when Mikhail Zoshchenko, Isaak Babel, Mikhail Bulgakov, and Andrei Platonov meticulously documented the birth of the “New Soviet Man,” his “newspeak” and Soviet bureaucratese; when Alexandra Kollontai, a Marxist revolutionary and a diplomat, wrote essays and fiction on the “New Soviet Woman”; when numerous satirical works were created; when Babel experimented with a literary representation of dialects (e.g., Odessa Russian or Jewish Russian). These varieties of language have not disappeared. Bureaucrats still use some form of bureaucratese. Numerous contemporary TV shows imitate the dialects



that Babel described. Moreover, Bulgakov's "Heart of a Dog" gave rise, due largely to its film adaptation, to catch-phrases that still appear throughout contemporary Russian media, satirical contexts, and everyday conversation. Thus, the Russian literature of the 1920s does not belong exclusively to the past, but has relevance and interpretive power for the present, and language learners who wish to pursue a career in humanities, media analysis, analytical translation, journalism, or international relations must understand this period and the linguistic patterns it established.

The textbook is intended for adult learners, and contains language assignments that would, on the one hand, help students transition to ACTFL's Advanced proficiency level (i.e., be able to create "narratives, descriptions, and summaries ... using paraphrasing and elaboration" (ACTFL 2012: 12).), but at the same time promote meaningful engagement with literary texts. The assignments in this textbook are multilevel ones, and thus offer a solution for multilevel classes that include literate heritage Russian speakers, Intermediate High, Advanced, or even Superior-level readers.

**Licence:** CC BY-NC 4.0

## Spanish

### Acceso: University of Kansas Collaborative Digital Spanish Project

This digital learning environment is designed to promote the acquisition of Spanish and the development of cultural understanding of the varied groups of people who share Spanish as a common language.

**Includes:** Instructor materials by request

**Licence:** CC BY-NC 4.0

### Antología Abierta de Literatura Hispana

A critical anthology of literary texts from the Spanish-speaking world. A focus on canonical authors and an attempt to include voices that have been marginalized. Each text includes an introduction and annotations created by students.

**Includes:** Excerpts of literary texts, annotations, author biographies and bibliographies

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Beginning Spanish ¡Empecemos por aquí!

Beginning Spanish ¡Empecemos por aquí! focuses on the development of communication skills in interpretive, interpersonal, and presentational modes while centering student voices. Activities engage learners in real exchanges of information on topics that are relevant to adult students. In addition to language-acquisition learning outcomes, this text supports learning outcomes in diversity, equity, inclusion, cultural sustainability, and social justice.

**Includes:** Audio files, exercises, glossary

**Licence:** CC BY-NC 4.0

## Culturas hispanas a través de la pantalla / Hispanic Cultures Through the Screen

This text discusses representation of Hispanic cultures in media. It is presented in both English and Spanish.

**Includes:** assignments

**Licence:** CC BY-NC-SA 4.0

## Hola a Todos: Elementary Spanish I

A textbook for introductory Spanish.

**Includes:** Grammar and vocabulary pre-class activities, lectures, and post-class homework

**Licence:** CC BY 4.0

## JUNTXS: Introductory Spanish

JUNTXS is an open-access educational resource that can be used in conjunction with a variety of approaches to support beginning learners of Spanish. This media-rich learning resource is designed to guide learners in their Spanish language learning journey through a critical and intercultural lens and to provide regular opportunities to explore, practice, and improve their ability to read, speak, and understand this language as it is used across the Spanish-speaking world.

**Licence:** CC BY-NC-SA 4.0

## Introducción al Español

Introducción al Español is a basic Spanish language textbook designed to develop reading, writing, and speaking skills of college students in classrooms across Canada. Different topics will be used to support the use and development of correct grammar skills and vocabulary. The material is presented in a reader-friendly, accessible way, with audio files accompanying vocabulary lists to reinforce correct pronunciation and H5P interactives included to engage and reinforce learning.

**Includes:** Audio files, interactive exercises

**Licence:** CC BY-NC-SA 4.0

## Leyendas y arquetipos del Romanticismo español, Segunda edición

Leyendas y arquetipos del Romanticismo español is an introduction to nineteenth-century Spanish literature with a thematic focus on legends and archetypes. It presents Romanticism in the context of nineteenth-century literary and social movements. It is designed as a first anthology for intermediate Spanish students at American universities. Although brief, it includes poetry, drama in verse and short story. The works have been selected for their literary interest and the social importance of their themes. They are all by canonical authors.

**Includes:** Annotations, vocabulary notes, comprehension and discussion questions

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Libro Libre: Beginning Spanish

A textbook for introductory Spanish that has been positively reviewed.

**Includes:** Activities, videos

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## La lingüística hispánica: Una introducción

This book, a work in progress, is aimed at students of Spanish in universities in the US and intends to offer a brief and simple introduction to the field of Hispanic Linguistics. It includes basic concepts in linguistics, essays that address topic of social relevance connecting linguistics to everyday life, and exercises to practice the concepts. Links to relevant material across the internet are also provided. The book is entirely created from texts and materials authored by mainly undergraduate students and it also includes the work and effort of student-editors, as part of a long-term open pedagogy project.

**Includes:** Exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## A parar bien la oreja: cuaderno de comprensión auditiva

*A parar bien la oreja: Cuaderno de comprensión auditiva* es un esfuerzo colaborativo para crear y poner en práctica recursos didácticos que permitan a los estudiantes de español como lengua extranjera (ELE) acercarse a la comprensión auditiva desde un enfoque interactivo a través de recursos educativos abiertos (REA). Sin duda, la enseñanza y

aprendizaje de lenguas extranjeras hoy en día implica una relación estrecha con la tecnología, tal y como lo propone el Marco Común de Competencia Digital Docente (2017).

**Includes:** Interactive exercises

**Licence:** CC BY-NC-ND 4.0 (Note: for this resource assigning sections is permitted, but adaptations are not allowed without permission)

## ¡Que viva la música!: Repaso de conversación en español

Designed for intermediate learners, this text focuses on conversational Spanish.

**Includes:** Spotify playlist

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Recorridos por la literatura hispana: Aventuras de don Quijote de la Mancha

The language of the Siglo de Oro can be an insurmountable barrier for many readers. This textbook provides historical information, narrative techniques, lists of characters, themes and keywords before they begin to read each chapter of Don Quixote. While reading, vocabulary glossed in comprehensible Spanish appears in the margin opposite challenging words. Cultural references and proverbs from the work facilitate a deeper understanding. Each chapter contains checks for understanding and ends with activities to build vocabulary. It includes required chapters 1-8, 10, 17 and 74 for AP classrooms.

**Includes:** Vocabulary glosses, activities

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Spanish I: Beginning Spanish Language and Culture

This peer-reviewed textbook contains themed chapters, which are divided into 8 sections. Each section has its own set of learning objectives, and is further separated into three types of assignments, Para estudiar en casa (with detailed explanations), Para practicar en casa (homework exercises), and Para practicar en clase (paired and group classwork activities). The individual exercises are geared towards acquisition of form and function, and the communicative classwork exercises promote interpersonal exchanges between students.

**Includes:** Audio files, exercises, activities

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Spanish Grammar in Context

Spanish Grammar in Context is a unique website that provides detailed grammar explanations and examples of the Spanish language with accompanying practice questions. Unlike traditional reference grammars, each topic is explained using authentic video examples. These examples come from the Spanish in Texas project, which profiles Spanish as it is spoken throughout Texas today. Online practice quizzes are included for each grammar section.

**Includes:** Audio files and quizzes

**Licence:** CC BY-NC-SA 4.0

## ¡Voy en camino! [New]

¡Voy en camino! means “I’m on my way” in Spanish. Since learning an additional language and the culture is a journey in itself ¡Voy en camino! captures the voyage to get there. With its digital format and open publication ¡Voy en camino! is meant to serve the first two introductory Spanish language courses at Kwantlen Polytechnic University (KPU) with Zero Textbook Cost (ZTC). ¡Voy en camino! is also meant to join the Spanish teaching open education community and provide access to learning to interested users.[Description from resource].

**Licence:** CC BY-NC

## Yo puedo: para empezar

This text is designed for beginning Spanish students and incorporates a flipped-classroom approach.

**Includes:** Bilingual glossary, videos

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Yo puedo: segundos pasos

Following on from the previous entry, this Spanish textbook is designed for those who have some basic knowledge of Spanish.

**Includes:** Bilingual glossary

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## World Literature and Cultures

### The Anthology of World Literature 1650-present

By engaging with this resource which presents texts by diverse world writers from 1650 to the present, learners will: (1) engage with diverse world writers in translation, including canonical and less canonical texts, and (2) identify literary conventions and trends across genres. The texts are in chronological order, but can be adapted by the faculty in whatever way they see fit. Each text is introduced with a brief discussion of author, original language and time period, and the literary conventions the students can expect to see in the text.

**Includes:** Question sets

**Licence:** CC BY 4.0

### Cànan tro Òrain: Lesson Plans Centred on Gaelic Song

Cànan tro Òrain is an open online Scottish Gaelic language educational resource for instructors. It contains language and culture lesson plans based on Gaelic song. Teachers are encouraged to use these lessons and adapt them to their individual needs.

**Licence:** CC BY-NC 4.0

### Center for Open Educational Resources and Language Learning – Materials

The Center for Open Educational Resources & Language Learning (COERLL) is a National Foreign Language Resource Center funded by the U.S. Department of Education. The overall mission of these federally-funded centers is to improve the teaching and learning of foreign languages by producing resources (materials and best practices) that can be profitably employed in a variety of settings. COERLL's work is organized around seven basic areas: Applied linguistic research, Teaching materials Language assessment, Teacher development, Less commonly taught languages, K-12 initiatives, and Outreach and dissemination. Languages covered include Arabic, Chinese, English, French, German, Italian, Japanese, Portuguese, Russian, and Spanish.

**Licence:** Various CC Licences

### Introduction to World Literature Anthology

The texts contained in this anthology each perform a particular purpose and represent an aspect of the rich cultures that populate our world. By attending to the cultural significance of literary texts from around the world and connecting them via a unifying theme, we can begin to identify cultural similarities that make the world a more dynamic and interesting place to live. This anthology seeks to show the unity of world literature through a form of radical familiarity, while at the same time preserving and admiring the different cultures from which the literature was produced.

**Includes:** Question sets

**Licence:** CC BY 4.0

## World Literature I: Beginnings to 1650

Since the dawn of language, humankind has exchanged stories, either through storytellers around a hearth or through scribes tirelessly copying various texts. This literature allows modern audience a window through which we can peer into the distant past. It provides vital clues for the interpretation of history, language, and culture. It is through literature that one may compare and gain a greater understanding of other civilizations. This anthology comprises three comprehensive collections that provide samples of literature from around the world and across the ages, ranging from some of the oldest tales that have survived into modernity to works from the 1650s. These texts provide an opportunity for readers to engage in extensive analysis of the works themselves and the societies that influenced and were influenced by them. This peer-reviewed World Literature I anthology includes introductory text and images before each series of readings. Sections of the text are divided by time period in three parts: the Ancient World, Middle Ages, and Renaissance, and then divided into chapters by location.

**Includes:** Question sets

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## World Literatures and Cultures: Icelandic Language and Literature

### “The Age of the Vikings – Anders Winroth”

*YouTube*, uploaded by The Kansas City Public Library, 29 Jan. 2015.

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### “Author Talk: The Poetic Edda: Carolyne Larrington.”

*YouTube*, uploaded by Oxford Academic (Oxford University Press), 2 May 2019.

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### “The Children of Ash: Cosmology and the Viking Universe.”

*YouTube*, uploaded by Cornell University, 11 Dec. 2011.

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“The Future of the Icelandic Language, Part 1.”

*YouTube*, uploaded by Scandinavia House, 18 June 2018.

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“George Lakey, author of ‘Viking Economics: How the Scandinavians Got It Right – and How We Can Too.’”

*YouTube*, uploaded by 360 North, 15 Dec. 2016.

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Hitt og þetta

An activity book used by students in Iceland learning Icelandic as a second language. There are a variety of activities and audio recordings.

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“The Icelandic Culture Boom: Threat or Asset?”

*YouTube*, uploaded by Polyglot Conference, 22 Aug 2018.

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“Icelandic Language Learning: Teaching Morphologically Complex Language Online, SOAS.”

*YouTube*, SOAS University of London, 4 Feb. 2013.

**Licence:** CC BY 4.0

“Icelandic roots and identities: Genealogies, DNA, & personal names (Gisli Pálsson).”

*YouTube*, uploaded by Genetic Genealogy Ireland, 11 Oct. 2018.



**Licence:** CC BY 4.0

“The Icelandic Village: Guided Participation in Real-Life Interaction in Icelandic.”

*YouTube*, uploaded by Polyglot Conference, 16 Aug. 2018.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

“Icelandic Volcanoes: Interactions Between Volcanoes, Ice and Atmosphere.”

*YouTube*, uploaded by GeologicalSociety, 26 April 2012.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## Íslenkards

A project designed to help Icelandic students improve their practice. It is a basic set of 80 verbs that can be used to practice at home, either by yourself or with the aid of someone who can read the cards as you recite out loud.

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## Íslenska fyrir alla: Bók 1

Book one of a set of four activity books that include listening activities. These books are currently used by the Icelandic department with the University of Manitoba. There are 4 levels and each include a set of chapters with accompanying listening activities.

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## Íslenska fyrir alla: Bók 2

Book two of a set of four activity books that include listening activities. These books are currently used by the Icelandic department with the University of Manitoba. There are 4 levels and each include a set of chapters with accompanying listening activities.

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## Íslenska fyrir alla: Bók 3

Book three of a set of four activity books that include listening activities. These books are currently used by the Icelandic department with the University of Manitoba. There are 4 levels and each include a set of chapters with accompanying listening activities.

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## Íslenska fyrir alla: Bók 4

Book 4 of a set of four activity books that include listening activities. These books are currently used by the Icelandic department with the University of Manitoba. There are 4 levels and each include a set of chapters with accompanying listening activities.

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## Jackson Crawford

Dr. Crawford has a YouTube channel where he explains aspects of Old Norse language, culture, and mythology. He has hundreds of videos teaching a variety of topics.

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## The Journal of the William Morris Society

Features all articles from 1961 to 2011 freely available online.

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## “Life and Afterlife: Dealing with the Dead in the Viking Age.”

*YouTube*, uploaded by Cornell University, 11 Dec. 2012.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “Lunchtime Talk: Invasion, Immigration, Integration? New Ways of Looking at the Vikings.”

*YouTube*, uploaded by Nottingham Lakeside Arts, 28 March 2018.

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## Mathias Nordvig

Dr. Nordvig's *YouTube* channel focuses on pre-Christian Scandinavian religion. Religious practices and myths of the time are the primary topics.

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## “Medieval Icelandic Textiles.”

*YouTube*, uploaded by Team TVS, 16 Nov. 2012.

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## “Neil Gaiman: Norse Mythology and American Gods.”

*YouTube*, uploaded by WGBHForum, 4 May 2017.

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## “The Norse Gods (In Our Time).”

*YouTube*, uploaded by In Our Time, 13 Nov. 2019.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “Norse Mythology, Ontology and Metaphysics.”

*YouTube*, uploaded by Joe Enabnit, 6 Nov. 2015.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## Northern Myths Podcast

This YouTube channel has lengthy discussions on mythology; including interviews with authors, bands, and other podcast creators.

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## Quizlet

Offers free flashcard games to practice Icelandic and build vocabulary.

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## “A reading from ‘The Far Traveler: Voyages of a Viking Woman.’”

*YouTube*, uploaded by Cornell University, 27 July 2009.

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## “Revealing the Landscape: Community archaeology in Viking Sherwood Forest.”

*YouTube*, uploaded by Nova Scotia Archaeology Society NSAS, 22 March 2017.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “2012 Rhind lecture 1: “From Garðar to Garðar” by Professor Kevin Edwards.”

*YouTube*, uploaded by Society of Antiquaries of Scotland, 17 Aug. 2018.

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## “The Shape of the Soul: The Viking Mind and the Individual.”

*YouTube*, uploaded by Cornell University, 11 Dec. 2012.

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## “The Song of the Vikings, Snorri and the Making of Norse Myths with Nancy Marie

Brown.”

*YouTube*, uploaded by St. Johnsbury Athenaeum, 11 April 2013.

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“Streaming Museum’s Nordic Outbreak Lecture: History of Nordic Art.”

*YouTube*, uploaded by StreamingMuseum, 22 April 2013.

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thorleifr

This YouTube channel playlist specific to Old Norse studies can be found under the title “Hurstwic Heathen Study Group.” This channel focuses on the recreation of Viking battles, but it also hosts informal lectures on a variety of topics surrounding the Vikings.

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Tímarit

Tímarit is an online library of articles with a vast array of topics. There are tens of thousands of articles openly available through this site. While Tímarit can be navigated in English, many of the writings are in Icelandic.

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“Tolkien’s Sigurd and Gudrún – Lecture 1 of 3.”

*YouTube*, uploaded by Signum University, 1 May 2017.

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“Viking-age grave analysis reveals woman warrior.”

*YouTube*, uploaded by Stockholm University, 20 Sept. 2017.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

“Viking Age research in the Black Earth Harbour on the Swedish island of Birka.”

*YouTube*, uploaded by Stockholm University, 4 July 2018.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

“The Viking and Norse impact on the beginning of Scotland – Prof Dauvit Broun.”

*YouTube*, uploaded by thinkuhi, 24 May 2017.

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“Viking DNA expert leads longboat raid to Norway.”

*YouTube*, uploaded by University of Nottingham, 19 June 2013.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

“Viking DNA in Ireland. Do you have some and where did it come from? (Peter Sjölund).”

*YouTube*, uploaded by Genetic Genealogy Ireland, 16 Nov. 2016.

**Licence:** CC BY 4.0

“Viking Inscriptions in Britain.”

*YouTube*, uploaded by James Willetts, 5 Oct. 2017.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

Viking Language Old Norse

This is a small *YouTube* channel that has videos produced by Dr. Jesse Byock concerning the archaeological dig at Mosfell Valley.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “Viking Myths of Minnesota’s Kensington Rune Stone.”

*YouTube*, uploaded by College of Saint Benedict and Saint John’s University Digital Commons, 6 Feb. 2019.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “Viking Presence in Ireland.”

*YouTube*, uploaded by GiantsHeritageCenter, 20 Jan. 2012.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “The Vikings and Their Outreach: From Buddhas to Butternuts – Lecture by Russell Poole.”

*YouTube*, uploaded by Western University, 18 April 2011.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “Vikings in a Turbulent Anglo-Scandinavian World, Christina von Nolcken.”

*YouTube*, uploaded by The University of Chicago, 22 Dec. 2011.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting.

## “22. Vikings / The European Prospect, 1000.”

*YouTube*, uploaded by YaleCourses, 5 April 2012.

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## “The Volga Vikings (In Our Time).”

*YouTube*, uploaded by In Our Time, 29 Nov. 2019.

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## Wiktionary

This website is highly useful when looking up foreign words. The meaning is included as well as any grammatical forms the word may have. This is good for languages, such as Icelandic, which have complex declension and conjugation.

**Licence:** CC BY-SA 4.0

## The William Morris Archive

This is the best resource on the English translator and popularizer of Icelandic literature, William Morris (1834-1896), making newly edited versions of many of Morris's works available online, often in multiple versions and with commentary.

**Licence:** Please note that while free to view online, this content is not licensed for remixing and adapting unless otherwise noted.

## “Wolves and Winter: Old Norse Myths and Children’s Literature.”

Dr Carolyne Larrington, Supernumerary Fellow and Tutor in English, St John's College, gives a talk to accompany the exhibition 'Magical Books: From The Middle Ages to Middle Earth' (Description from resource).

**Licence:** CC BY-NC-SA

## “Women in Early Viking Scotland.”

YouTube, uploaded by James Willetts, 23 Sept. 2018.

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# FACULTY OF KINESIOLOGY

## Faculty Organization in *OER by Discipline Guide*

The Faculty of Kinesiology has not been sub-divided into departments, as there are no visible departments on the faculty website. Instead two topical sub-divisions have been used – Anatomy, Physiology, and Fitness, and Food and Human Nutritional Sciences.

Individual Open Educational Resources (OER) are organized alphabetically by title.

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# Faculty of Kinesiology

## Anatomy, Physiology, and Fitness

### Anatomy & Physiology (OpenStax)

This OpenStax textbook was a collaboration among many anatomy and physiology professors and was developed using pedagogical practices. This textbook has been successfully adopted and adapted.

**Includes:** Instructor resources, case studies, student resources, simulations, exercises, solutions, and critical thinking questions

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Anatomy and Physiology (Boundless)

This is a comprehensive text available through LibreTexts covering topics ranging from the human body organ systems, immunology, human development, reproduction, nutrition, metabolism, disorders and aging of organ systems.

**Includes:** Lecture slides, quiz, flowcharts

**Licence:** CC BY-SA

## Biomechanics of Human Movement

This is an adaptation of two OpenStax textbooks for students enrolled in Douglas College in British Columbia. The two adapted OpenStax textbooks are Anatomy & Physiology (listed above) and College Physics.

**Includes:** Reinforcement activities, problems and exercises, glossary

**Licence:** CC BY 4.0

## Body Physics: Motion to Metabolism

This book covers the basic functioning of the human body, from motion to metabolism, as a common theme through which fundamental physics topics are introduced. Related practice, reinforcement and Lab activities are included. See the front matter for more details.

**Includes:** Review, practice and assessment, reinforcement exercises, supplemental materials

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Concepts of Fitness and Wellness

This textbook was written by professors at Georgia Highlands College.

**Includes:** Glossary, self tests

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Excelling in Biomechanics – Calculating Centre of Mass

This is an interactive excel file that models the different factors involved in calculating the centre of mass. It was created by Wilfrid Laurier University.

**Includes:** Interactive excel file

**Licence:** CC BY-NC-SA

## Excelling in Biomechanics: Exploring Joint Angles

This is an interactive excel file that models joint angles. It was created by Wilfrid Laurier University.

**Includes:** Interactive excel file

**Licence:** CC BY-NC-SA

## Exercise Science 355: Kinesiology and Biomechanics

The OER content in this course shell was originally intended for a 3000-level *Kinesiology & Biomechanics* course at Fort Lewis College. The course is described as providing “an in-depth study of the basic body movements, osteology, applied myology, spatial relations of muscles and joints, aggregate muscle action, kinesiology constructs of summation of internal forces, aerodynamics and hydrodynamics, techniques for cinematographical and noncinematographical analysis of sport skills. The study of methods, mechanics and analysis of movement as applied to the structure and function of the human organism will also be discussed.”

**Licence:** CC BY-NC-SA 4.0

## Laboratories

This combination of resources from LibreTexts are a potential replacement for laboratory manuals for anatomy and physiology. It covers all of the organ systems. It also covers cytology, histology, integumentary system, and blood. There are a lot of diagrams related to different anatomical views of the human body along with detailed pre-lab, laboratory protocols, and post-lab activities.

**Includes:** Pre-lab questions, laboratory activities, post-lab questions, images, glossary

**Licence:** CC BY 4.0, unless otherwise noted.

## Virtual Exercise Testing and Prescription Lab Manual

This book is a lab manual to accompany the Virtual KIN 4370 course: Exercise Testing and Prescription at the University of Houston. The chapter for each lab activity includes background information, protocol description, comprehension questions, and tables to help with test interpretation (as required). The lab activities have been modified from face-to-face environment to an at-home virtual learning course.

**Includes:** Videos, activities

**Licence:** CC BY-NC-SA 4.0

## Food and Human Nutritional Sciences

### Agriculture for Improved Nutrition: Seizing the Momentum

This edited open access volume highlights the links between agriculture and nutrition, both direct and indirect, both theoretical and practical. It explores these relationships through various frameworks, such as value chains, programs and policies, as well as through diverse perspectives, such as gender.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Cheese Making Technology, Dairy Education eBook Series

This text in the Dairy Education eBook Series on topics and processes related to cheese making technology, including selected recipes. The Dairy Education eBook Series is an educational resource focused on milk, dairy products and dairy technology, developed for use with an undergraduate course in dairy processing at the University of Guelph. It is now available as a resource for university and secondary school students, industry personnel, and interested consumers around the world.

**Include:** Videos, glossaries

**Licence:** CC BY-NC-ND (Note that these books are licensed under the more restrictive licence, which means that it can not be edited.)

## Dairy Science and Technology, Dairy Education eBook Series

This open access e-book is about the study of milk and milk-derived food products from a food science perspective. It focuses on the biological, chemical, physical, and microbiological aspects of milk itself, and on the technological (processing) aspects of the transformation of milk into its various consumer products, including beverages, fermented products, concentrated and dried products, butter and ice cream. The Dairy Education eBook Series is an educational resource focused on milk, dairy products and dairy technology, developed for use with an undergraduate course in dairy processing at the University of Guelph. It is now available as a resource for university and secondary school students, industry personnel, and interested consumers around the world.

**Include:** Videos, glossaries

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## Human Nutrition, 2020 Edition

This nutrition textbook covers introductory concepts in nutrition, from carbohydrates to trace minerals.

**Includes:** Interactive learning activities

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Ice Cream Technology, Dairy Education eBook Series

This ice cream e-book captures the technical aspects of ice cream processing – ingredients and formulations, manufacturing and quality issues. It is complemented by the Dairy Science and Technology e-book, which provides extensive background on milk composition and chemistry, dairy products and dairy processes, many of which overlap with ice cream processing.

We will begin with a brief look at the history of ice cream and the scope of the industry globally today. The Dairy Education eBook Series is an educational resource focused on milk, dairy products and dairy technology, developed for use with an undergraduate course in dairy processing at the University of Guelph. It is now available as a resource for university and secondary school students, industry personnel, and interested consumers around the world.



**Include:** Videos, glossaries**Licence:** CC BY-NC-ND (Note that these books are licensed under the more restrictivelicence, which means that it can not be edited.)

## Intermediate Nutrition

This LibreTexts text covers macronutrients, micronutrients, and common digestive problems.

**Includes:** Glossary, interactive activities

**Licence:** CC BY-NC-SA

## An Introduction to Nutrition

This book is organized using a functional approach. A primary goal of this text is to provide information backed by nutritional science and with a variety of resources that use scientific evidence to optimize health and prevent disease.

**Includes:** Exercises

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Nutrition: Science and Everyday Application

This book covers basic nutrition and metabolism, information literacy, energy balance, nutrition across life stages, dietary supplements, an in-depth look at each of the macronutrients, and major functions of vitamins and minerals.

**Includes:** Learning objectives and self-check questions

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

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**Already using an OER? Have you adapted or created an OER?**

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# FACULTY OF LAW

## Faculty Organization in *OER by Discipline Guide*

The Faculty of Law has not been sub-divided into departments, as there are no visible departments on the faculty website.

Individual Open Educational Resources (OER) are organized alphabetically by title.

## Connect with Libraries and Cultural Resources Support

The general email to contact the Bennett Jones Law Library is [lawlib@ucalgary.ca](mailto:lawlib@ucalgary.ca).

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# Faculty of Law

## **ABlawg: The University of Calgary Faculty of Law Blog [New]**

Includes commentary by faculty members, sessional instructors, research associates at our affiliated institutes, and students on court and tribunal decisions as well as legislative and policy developments in Alberta and beyond. We intend ABlawg to foster critical thinking on legal and policy developments. All ABlawg posts are licensed under a Attribution-NonCommercial-NoDerivatives 4.0 International (Description from website).

**Licence:** CC BY-NC-ND 4.0 (Note: this is an open access resource that does not allow for remixing and adaptation)

## **The Canadian Constitutional Law Open Access Casebook [New]**

Virtually every society around the world has something called a “constitution.” But they differ from one another significantly. Some bind only the government of the country, some bind private actors as well. Some constitutions are written (like those of the United States, France, South Africa and India), some (like that of the United Kingdom, New Zealand and Israel) are unwritten (or “uncodified”) and some (like Canada) are hybrids of the two. Some (like Canada, the United States and South Africa) contain protections for human rights, and some (like Australia) do not. At a basic level, however, the function of a constitution is to define and limit the institutions that govern a society. In terms of limiting governmental power, constitutions define set of fundamental principles by which future governments must abide. Otherwise, the state can operate for the short-term benefit of those in currently in government, to the detriment of those that are not. A corollary of this principle is that constitutions tend to be difficult to amend; often requiring the assent of a “supermajority” (e.g. two thirds or three fourths) of legislators (or legislatures in countries with federal arrangements) [Description from author’s scholarship listing page for this work].

**Licence:** CanLII user licence (refer to this license for details related to use and adaptation)

## **Criminal Law: Canadian Law, Indigenous Laws & Critical Perspectives [New]**

We’re excited to share this first ever open-access casebook on criminal law in Canada with you. Our hope is not only that it can contribute in a small way to making legal education less expensive, but that it can also enhance access to justice by making these materials available widely to law students, legal professionals and the general public. As a digital casebook, we have been able to include multi-media content like podcasts and videos and can easily update it with the latest changes to the law. This casebook is, of course, not intended to provide legal advice, but legal information and critical content [Description from resource].

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## CanLII: Commentary

The CanLII (Canadian Legal Information Institute) website contains legal cases and legislation and a growing number of books, journals, and articles. The Commentary page on CanLII provides access to various resource types of secondary law materials. Refer to the licensing applied to the individual resources on the website for permissions on their use.

## Criminal Law Ebook [New]

The *CanLII Criminal Law Ebook* is written by a team of 67 writers who include leading litigators and experts in criminal law. This project would not have been possible if it were not their time, energy, and expertise. This first edition consists of 10 parts broken down into 88 chapters, each focusing on different areas of criminal law: Detention and Arrest, Search and Seizure, Statements, Information and Indictments, Bail, Disclosure, Trial Procedure, Defences, Sentencing, and Appeals. Each chapter contains references and links to relevant cases and content [Description from resource].

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## eAccess to Justice

Will digitization projects affect fundamental justice principles? Part I examines claims that technology will improve justice system efficiency with an emphasis on the complicated relationship between privacy and transparency. Part II examines the implementation of technologies in the justice system and the associated challenges and emphasizes that these technologies should be implemented with care to ensure the best possible outcome for access to a fair and effective justice system. The chapters in Part III adopt the standpoints of sociology, political theory and legal theory and provide a unique and valuable framework for thinking with the required sophistication about legal change (Description from University of Ottawa Press). This resource is an open access publication.

**Licence:** CC BY-NC-SA 3.0

## eGirls, eCitizens

eGirls, eCitizens is a landmark work that explores the many forces that shape girls' and young women's experiences of privacy, identity, and equality in our digitally networked society. Drawing on the multi-disciplinary expertise of a remarkable team of leading Canadian and international scholars, as well as Canada's foremost digital literacy organization, MediaSmarts, this collection presents the complex realities of digitized communications for girls and young women as revealed through the findings of The eGirls Project ([www.egirlsproject.ca](http://www.egirlsproject.ca)) and other important research initiatives. Aimed at moving dialogues on scholarship and policy around girls and technology away from established binaries of good vs bad, or risk vs opportunity, these seminal contributions explore the interplay of factors that shape online environments characterized by a gendered gaze and too often punctuated by sexualized violence. Perhaps most importantly, this collection offers first-hand perspectives collected from girls and young women themselves, providing a unique window on what it is to be a girl in today's digitized society (Description from University of Ottawa Press). This resource is an open access publication.

**Licence:** CC BY-NC-SA 3.0

## Game-Day Gangsters: Crime and Deviance in Canadian Football

In the complicated interaction between sport and law, much is revealed about the perception and understanding of consent and tolerable deviance. When a football player steps onto the field, what deviations from the rules of the game are considered acceptable? And what risks has the player already accepted by voluntarily participating in the sport? In the case of Canadian football, acts of on-field violence, hazing, and performance-enhancing drug use that would be considered criminal outside the context of sport are tolerated and even promoted by team and league administrators. The manner in which league review committees and the Canadian legal system understand such actions highlights the challenges faced by those looking to protect players from the dangers of the sport. Although there has been some discussion of legal and institutional reforms dealing with crime and deviance in Canadian sport, little exists in the way of sports law, with most cases falling into the legal categories of criminal, administrative, or civil law. In *Game-Day Gangsters*, Fogel argues for a review of the systems by which Canadian football is governed and analyzes the reforms proposed by football leagues and by players. Juxtaposing material from interviews with football players and administrators and from media files and legal cases, he explores the discrepancies between the players' own experiences and the institutional handling of disciplinary matters in junior, university, and professional football leagues across the country (Description from Athabasca University Press). This resource is an open access publication.

**Licence:** CC BY-NC-ND 2.5 (Note: assigning sections is permitted, but adaptations are not allowed without permission)

## Law and the “Sharing Economy” – Regulating Online Market Platforms

The rapid expansion of sharing economy platforms has generated enormous controversy. Law and the “Sharing Economy” closely examines the challenges that arise from this phenomenon with regard to labour, market, technology and regulation through a legal and interdisciplinary lens. The controversy stems partially from the economic impact—most acutely in certain sectors such as Uber vs taxi drivers and Airbnb vs hotels—and partially from other related consequences such as a trend toward precarious work or an impact on real estate speculation. While governments in some jurisdictions have attempted to rein in the platforms, technology has enabled such companies to bypass conventional regulatory categories, generating accusations of “unfair competition” as well as debates about the merits of existing regulatory regimes (Description from University of Ottawa Press). This resource is an open access publication.

**Licence:** CC BY-NC-SA 3.0

## The Law is (Not) for Kids: A Legal Rights Guide for Canadian Children and Teens

In this practical guide to the law for young people of Canada, Ned Lecic and Marvin Zuker provide an all-encompassing manual meant to empower and educate children and youth and those that serve them. The authors address questions about how rights and laws affect the lives of young people at home, at school, at work, and in their relationships as they draw attention to the many ways in which a person's life can intersect with the law. Deliberately refraining from taking a moral approach, the authors instead advocate for the rights of children and provide examples of how young people can get their legal rights enforced. In addition to being critical information for youth about citizenship, *The Law is (Not) for Kids* is a valuable resource for teachers, counsellors, lawyers, and all those who support youth in their encounters with the law (Description from Athabasca University Press). This resource is an open access publication.

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## Law, Privacy and Surveillance in Canada in the Post-Snowden Era

Years of surveillance-related leaks from US whistleblower Edward Snowden have fuelled an international debate over privacy, spying, and Internet surveillance. Much of the focus has centered on the role of the US National Security Agency, yet there is an important Canadian side to the story. The Communications Security Establishment, the Canadian counterpart to the NSA, has played an active role in surveillance activities both at home and abroad, raising a host of challenging legal and policy questions. With contributions by leading experts in the field, *Law, Privacy and Surveillance in Canada in the Post-Snowden Era* is the right book at the right time: From the effectiveness of accountability and oversight programs to the legal issues raised by metadata collection to the privacy challenges surrounding new technologies, this book explores current issues torn from the headlines with a uniquely Canadian perspective (Description from University of Ottawa Press). This resource is an open access publication.

**Licence:** CC BY-NC-SA 3.0

## Legal Literacy: An Introduction to Legal Studies

To understand how the legal system works, students must consider the law in terms of its structures, processes, language, and modes of thought and argument—in short, they must become literate in the field. *Legal Literacy* fulfills this aim by providing a foundational understanding of key concepts such as legal personhood, jurisdiction, and precedent, and by introducing students to legal research and writing skills. Examples of cases, statutes, and other legal materials support these concepts. While *Legal Literacy* is an introductory text, it also challenges students to consider critically the system they are studying. Touching on significant socio-legal issues such as access to justice, legal jargon, and plain language, Zariski critiques common legal traditions and practices, and analyzes what it means “to think like a lawyer.” As such, the text provides a sound basis for those who wish to pursue further studies in law or legal studies as well as those seeking a better understanding of how the legal field relates to the society that it serves (Description from Athabasca University Press). This resource is an open access publication.

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## Legal Research Online: Information Seeking in the Digital Environment [New]

Online legal research presents significant challenges for today’s law students. The vast volume of information, constantly changing interfaces, and evolving technologies are all factors that conspire to create frustration, confusion, inefficiency, and sub-par research results. To effectively manage these challenges and become expert legal problem solvers, law students need a toolkit that integrates information literacy concepts with advanced knowledge of online tools, resources, and access points.

*Learning Legal Research* aims to prepare law students for the challenges and opportunities of online legal research. The textbook is written by legal research experts who draw on their extensive practical and classroom experience to provide readers with relevant and useful guidance for contemporary legal information seeking. It combines foundational instruction in the legal research process with forward-looking guidance based on best practices. The authors promote the idea that the lawyers best positioned to craft innovative, client-centered solutions in legal practice are those with a strong foundation of technological and information literacy [Description from resource].

**Includes:** Glossary

**Licence:** CC BY-NC-SA 4.0

## Tort Law: Cases and Commentaries, 2nd Edition

The law of obligations concerns the legal rights and duties owed between people. Three primary categories make up the common law of obligations: tort, contract, and unjust enrichment. This coursebook provides an introduction to tort law: the law that recognises and responds to civil wrongdoing. The material is arranged in two parts. Part I comprises §§1–11 and addresses intentional and dignitary torts and the overarching theories and goals of tort law. Part II comprises §§12–25 and addresses no-fault compensation schemes, negligence, nuisance, strict liability, and tort law's place within our broader legal systems. This coursebook was compiled and edited by Assistant Professor Samuel Beswick of the University of British Columbia Peter A. Allard School of Law. Maddison Zapach (J.D. expected 2023) provided research assistance on the first edition (published July 2021). We gratefully acknowledge the influence on our approach to this subject of Professor Joost Blom QC of the Allard School of Law, Professor John C.P. Goldberg of Harvard Law School, and Associate Professor Rosemary Tobin of the University of Auckland Faculty of Law. The support of Open UBC and the UBC Teaching and Learning Enhancement Fund is also gratefully acknowledged (Description from resource).

**Licence:** CC BY-NC 4.0

## Vulnerable: The Law, Policy and Ethics of COVID-19

This essay collection was published early during the covid-19 pandemic and confronts the vulnerabilities that have been revealed by the pandemic and its consequences. It examines vulnerabilities for people who have been harmed or will be harmed by the virus directly and those harmed by measures taken to slow its relentless march; vulnerabilities exposed in our institutions, governance, and legal structures; and vulnerabilities in other countries and at the global level where persistent injustices affect us all. COVID-19 has forced us to not only reflect on how we govern and how we set policy priorities, but also to ensure that pandemic preparedness, precautions, and recovery include all individuals, not just some (Description from University of Ottawa Press). This resource is an open access publication.

**Licence:** CC BY-NC-SA 4.0

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# FACULTY OF NURSING

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# Faculty of Nursing

## Clinical Procedures for Safer Patient Care

This resource was produced by nursing faculty at BCIT. This text serves a supplementary resource for information about how to perform clinical procedures. The format of the text includes video demonstrations, flowcharts, and checklists to ensure high compliance to protocol. The topics covered include: infection control, patient assessment, patient positioning, wound care, oxygen therapy, medication administration and tubal attachments.

**Includes:** Critical thinking exercises, flowcharts, video demonstrations, glossary

**Licence:** CC BY 4.0

## The Complete Subjective Health Assessment

Developed by Ryerson University, this textbook deconstructs the categories of the complete subjective health assessment, providing learners with explanations and examples of what constitutes relevant subjective data. This textbook provides an opportunity to learn how to respond to normal, abnormal, and critical findings when completing a complete subjective health assessment. Topics covered include: Subjective Health Assessment, Cultural Safety, and Care Partners

**Includes:** Quiz, glossary

**Licence:** CC BY-SA 4.0

## Comprehensive Midwifery: The role of the midwife in health care practice, education, and research: An interactive guide to the theory and evidence of practice

The re-emergence of midwifery as a primary health care profession is one of the great stories of Canadian health care systems, but this story has been largely undocumented. This invaluable interactive e-book details the history and philosophy of midwifery, how current midwifery theory and policies are developed, and the role of education and research in advancing the field. We include a special focus on the social determinants of women's health throughout Canada and the world, the principle of health care as a human right, and the principles and scope of midwifery practice. A must-read for Canadian student midwives and others interested in midwifery (Description from resource). This textbook was written by professors in McMaster's midwifery program.

**Includes:** Glossary, case studies

**Licence:** CC BY-NC 4.0

## Clinical Anatomy

This project was created by a team at UBC.

**Includes:** Videos, interactive modules, atlases, interactive visualizations

**Licence:** CC BY-NC-SA 4.0

## Creative Clinical Teaching in the Health Professions

This peer reviewed text was authored by 3 nursing faculty at Athabasca, in collaboration with various healthcare professionals from many institutions across Canada. The text is centered around patient care activities such as challenging their unconscious assumptions about a patient's race, gender, sexual orientation, socioeconomic status and evaluation of learning.

**Includes:** exercises and critical thinking questions.

**Licence:** CC BY-NC-SA 4.0

## Field Trials of Health Interventions: A Toolbox (Smith, Morrow, & Ross)

This open access book, in its third edition, was published by Oxford University Press. It covers trial design, ethical considerations, governance, grant applications, community engagement, statistics, data management, and reporting.

**Includes:** Checklists, index

**Licence:** CC BY-NC 4.0

## Handbook of eHealth Evaluation: An Evidence-based Approach

This text was created at University of Victoria. This handbook presents the science and practice of eHealth evaluation based on empirical evidence gathered over many years within the health informatics discipline. The handbook describes different approaches used to evaluate the planning, design, implementation, use and impact of eHealth systems in different health settings. It also provides a snapshot of the current state of knowledge on the consequences of opting for eHealth systems with respect to their effects and implications on provider performance and health outcomes.

**Includes:** Figures, case studies

**Licence:** CC BY-NC 4.0

## Health Case Studies

This resource was produced by BCIT's nursing faculty. It features 8 case studies on a variety of health conditions at various time points. Each case study includes the patient narrative or story that models best practice (at the time of publishing) in healthcare setting.

**Includes:** Case studies

**Licence:** CC BY-SA 4.0

## Health History Interview: Virtual Gaming Simulation

This virtual gaming simulation was created by a team at Ryerson University for undergraduate nursing students.

**Includes:** Instructions for the game

**Licence:** CC BY-NC 4.0

## Interpreting Canada's 2019 Food Guide and Food Labelling for Health Professionals

This resource was created by Ryerson and York University. It covers the legal requirements of food labelling, how to interpret recommendations, and how to integrate the food guide into the nursing process with specific focus on the role of social determinants of health as it relates to the food guide and the nursing process.

**Includes:** Practice questions, glossary, figures

**Licence:** CC BY-NC-SA 4.0

## Introduction to Communication in Nursing

This textbook was created for nursing students at Ryerson University.

**Includes:** Glossary, activities

**Licence:** CC BY-NC 4.0

## The Language of Medical Terminology [New]

The Language of Medical Terminology is an open educational resource (OER) that begins with a focus on the practice of breaking down medical terms into their component parts. This is practiced through the beginning of the book in order to develop a solid foundation on medical term parts, their meaning and how to understand the full meaning behind medical terminology as a whole. The OER then continues onto the use of abbreviations, anatomy and physiology, body

systems, common tests and procedures and finishes with content focusing on medical professionals in health care. This OER serves to provide the basic knowledge necessary to work in the health care setting [Description from resource].

**Includes:** glossary, review exercises

**Licence:** CC BY-NC-SA

## The Language of Medical Terminology II: An Introduction to Pharmacology [New]

The Language of Medical Terminology II is an open educational resource (OER) that focuses on body systems, pathologies, and the medications used to treat those pathologies. Basic principles of pharmacology will be included throughout this OER and organized according to each body system. Review and key concepts will be shared in all chapters. This OER serves to provide the basic knowledge of pharmacology needed to work in the healthcare setting [Description from resource].

**Includes:** review questions, glossary, abbreviations listings, common suffixes listings, and medications list

**Licence:** CC BY-NC-SA

## Leadership and Influencing Change in Nursing

This text was developed by various nursing professionals in Saskatchewan and Canada. The goal was to provide student nurses with the foundational knowledge to meet the leadership challenges found within the ever-changing Canadian health care environment. There is significant indigenous specific content and cultural appropriate practices. Other topics covered include: ethics, managing conflict, evidence informed decision making, labour relations, and nursing leadership.

**Includes:** Case studies, exercises, activities, research extensions, flowcharts

**Licence:** CC BY 4.0

## Leading Change in Health Systems: Strategies for RN-BSN Students [New]

*Leading Change in Health Systems: Strategies for RN-BSN Students* is designed for practicing nurses pursuing a Bachelor of Science in Nursing. This book is focused on building upon previous knowledge, skills and attitudes Registered Nurses (RNs) related to leadership in healthcare systems. Readers will be able to apply the theoretical knowledge gained from this course in their clinical practice environment. [Description from resource]. Note: This resource is an adaptation of *Leadership and Influencing Change in Nursing*.

**Includes:** Learning exercises

**Licence:** CC BY 4.0

**Reviews:** Available through Open Textbook Library and Merlot.

## Learning Primary Midwifery Care

Learning Primary Midwifery Care is an open access package of three online learning modules for midwifery learners and teachers developed by the Ryerson University Midwifery Education Program in collaboration with faculty partners from Laurentian and McMaster Universities.

**Includes:** Quiz

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Literature Reviews for Education and Nursing Graduate Students

This peer reviewed text for graduate students focuses on nursing related literature reviews. The topics covered range from developing a research question to locating and evaluating sources to writing a sample literature review using appropriate publication guidelines.

**Includes:** Practice questions, online resources

**Licence:** CC BY 4.0

## Multi-Course Case Studies in Health Sciences

While not specific to nursing, this resource is a collection of interconnected multidisciplinary case studies. They have been designed to be used in multiple undergraduate courses so that students can return to them over time from different perspectives and with increasing complexity.

**Includes:** Family tree, resources for each case study

**Licence:** CC BY-NC-SA 4.0

## Northern and Indigenous Health and Healthcare

This resource has been created by the University of the Arctic Northern Nursing Education Network (NNEN) which includes twelve nursing schools in Canada, Finland, Greenland, Iceland, Norway, Sweden, and Russia. It is meant to fill the gap of northern and Indigenous health care needs. It provides content on health and health care from a northern perspective for the growing number of health professionals being educated in northern communities. It focuses on community health, social determinants and structural impacts on northern and Indigenous health, culture and health, innovations in northern healthcare, and professional practice in northern and Indigenous communities.

**Includes:** Reflection questions, case studies

**Licence:** CC BY-NC 4.0

## Nursing Care at the End of Life: What Every Clinician Should Know

Published by SUNY with the goal to foster the necessary skills for nurses to provide compassionate care to individuals who are nearing the end of life and families who are or have experienced the loss of a loved one. This text covers effective interpersonal communication between the patient and clinician at the three stages; anticipation, in the moment, and afterwards. The text provides a basic foundation of death and dying, including models of care and evidenced based approaches.

**Includes:** Examples, Online resources

**Licence:** CC BY-NC-SA 4.0

## Nursing Pharmacology

This peer reviewed American text was made by several contributors in the Wisconsin Technical College System. It explains basic concepts of pharmacology and describes common medication classes.

**Includes:** Practice questions, critical thinking activity, answer key, glossary, interactive images

**Licence:** CC BY 4.0

## Nursing Skills

This peer reviewed American textbook was created as part of the Open RN project, and meant to cover physical assessments performed by RNs.

**Includes:** Learning activities, glossary

**Licence:** CC BY 4.0

## Open RN Virtual Reality Scenarios

This grant funded American project is in the process of creating 25 Virtual Reality scenarios. More information about this project is available.

**Includes:** Virtual reality

**Licence:** CC BY 4.0, unless otherwise noted.



## Public Health Ethics: Cases Spanning the Globe (Barrett, Dawson, Ortmann)

This LibreTexts resource was authored by researchers at the CDC, the University of Sydney, and the Pan American Health Organization. It covers global public health ethics.

**Includes:** Cases

**Licence:** CC BY-NC 4.0

## Pulling Together: Manitoba Foundations Guide (Brandon Edition)

Authored by the Manitoba Foundations Group, it is the first Manitoba adaptation of an open professional learning series developed for staff across post-secondary institutions. This resource does not focus on nursing or health, but rather is intended to support professional learning of staff and students. Its focus is on the Brandon area.

**Includes:** Glossary, videos, activities, reflection questions

**Licence:** CC BY-NC 4.0

## The Scholarship of Writing in Nursing Education: 1st Canadian Edition

This resource was created by Ryerson University, designed for students in undergraduate nursing programs.

**Includes:** Videos, podcasts

**Licence:** CC BY-SA 4.0

## Supporting Individuals with Intellectual Disabilities & Mental Illness

This multidisciplinary resource develops topics of interest to all those who care about and for individuals with co-occurring intellectual disabilities and mental illness. Each chapter presents current evidence informed practice knowledge. Each topic is also presented with audio enabled text boxes emphasizing 'Key Points for Caregivers.' For those who are interested in background knowledge, there is a comprehensive literature base provided.

**Includes:** Audio book, online tools, research studies

**Licence:** CC BY 4.0

## Toward a Moral Horizon: Nursing Ethics for Leadership and Practice [New]

This third edition of Toward a Moral Horizon: Nursing Ethics for Leadership and Practice will assist nurses and all health

care providers to take up the challenge of embedding ethics in health care practice, education, research, and policy at all levels—from local to regional to global. [Description from resource].

**Licence:** CC BY-NC-SA

## Vaccine Practice for Health Professionals: 1st Canadian Edition

This text was created primarily for nursing students. It is intended to guide best practices in vaccine delivery in Canada. This textbook provides information related to clinical practice, including the administration of vaccines, and communication with clients.

**Includes:** Videos, case studies, practice questions, glossary, figures

**Licence:** CC BY-SA 4.0

## Vital Sign Measurement Across the Lifespan – 1st Canadian Edition

This text was developed by Ryerson University. The purpose of this textbook is to help learners develop best practices in vital sign measurement. Using a multi-media approach, it will provide opportunities to read about, observe, practice, and test vital sign measurement.

**Includes:** Videos, problem sets, solutions, flowcharts, printable flashcards

**Licence:** CC BY 4.0

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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### **Know of an open educational resource (OER) not listed?**

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# FACULTY OF SCIENCE

## Faculty Organization in *OER by Discipline Guide*

The Faculty of Science has been organized alphabetically into the departments identified on the faculty website.

Individual Open Educational Resources (OER) are organized alphabetically by title.

## Suggested Repositories For...

### General

- Assayer: An online catalogue and reviews of books that have been made available for free by the author with a focus on books about math, science, and computers.
- NSDL (National Science Digital Library): Digital resources and collections supporting science, technology, engineering, and mathematics (STEM) education.
- PhET Interactive simulations: Interactive, research-based simulations of physical phenomena for free.

### Biology

- iBiology: Their mission is to convey, in the form of open-access free videos, the excitement of modern biology and the process by which scientific discoveries are made (Taken from website).

### Chemistry

- ChemCollective: is a collection of open access curriculum materials for instructors and students including virtual labs, scenario-based activities, tutorials, and concept tests.

### Computer Science

- Green Tea Press Textbooks: A collection of free and open books by Allen Downey focusing on computer science.
- Assayer: An online catalogue and reviews of books that have been made available for free by the author with a focus on books about math, science, and computers.

## Earth, Energy and Environment

- Open Geography Education: Provides free and open textbooks and other online resources in the areas of geography and geospatial technology.

## Mathematics and Statistics

- American Institute of Mathematics: This institute encourages the adoption of open source and open access mathematics textbooks. The AIM Editorial Board has developed evaluation criteria to identify open textbooks suitable for university courses and they maintain an Approved Textbooks list that meets this criteria.

## Connect with Libraries and Cultural Resources Support

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting your subject area.

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# Department of Biological Sciences

## Biological Sciences

### Biodiversity Heritage Library

This resource improves research methodology by collaboratively making biodiversity literature openly available to the world as part of a global biodiversity community.

**Licence:** Please refer to the licensing applied to individual items on the website for reuse.

### Biology 2e (OpenStax)

Biology 2e is a peer-reviewed textbook with all of the concepts covered in two terms of first year biology. It was written by biology professors from several institutions.

**Includes:** Instructor resources, slides, simulations, applications, summaries, exercises, solutions.

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Biology for AP<sup>®</sup> Courses (OpenStax) [New]

*Biology for AP<sup>®</sup> Courses* covers the scope and sequence requirements of a typical two-semester Advanced Placement<sup>®</sup> biology course. The text provides comprehensive coverage of foundational research and core biology concepts through an evolutionary lens. *Biology for AP<sup>®</sup> Courses* was designed to meet and exceed the requirements of the College Board's AP<sup>®</sup> Biology framework while allowing significant flexibility for instructors. Each section of the book includes an introduction based on the AP<sup>®</sup> curriculum and includes rich features that engage students in scientific practice and AP<sup>®</sup> test preparation; it also highlights careers and research opportunities in biological sciences [Description from resource].

**Includes:** Instructor resources, review questions, solution manual

**Licence:** CC BY 4.0

### Biology for Majors I

This text was created through Lumen Learning to provide an expansive overview of introductory biology for science students. It is book one of two on biology for majors.

**Includes:** Instructor resources, exercises, assignments, solutions

**Licence:** CC BY 4.0

## Biology for Majors II

This text was created through Lumen Learning to provide an expansive overview of introductory biology for science students. It is book two of two on biology for majors.

**Includes:** Instructor resources, exercises, assignments, solutions

**Licence:** CC BY 4.0

## Biology for Non-Majors I

This text was developed through Lumen Learning to provide a solid biological foundation for non-science students. It is book one of two on biology for non-majors.

**Includes:** Instructor resources, student resources, applications, summaries

**Licence:** CC BY 4.0

## Biology for Non-Majors II

This text was developed through Lumen Learning to provide a solid biological foundation for non-science students. It is book two of two on biology for non-majors.

**Includes:** Instructor resources, student resources, applications, summaries

**Licence:** CC BY 4.0

## Concepts of Biology, 1st Canadian Edition

This textbook was adapted for a Canadian audience from an OpenStax textbook. It was designed for students not majoring in Biology. Interactive activities were included for students to check their understanding.

**Includes:** Instructor resources, student resources, simulations, summaries, exercises, solutions

**Licence:** CC BY 4.0

## Crop Improvement [New]

This book covers basic principles in the genetic improvement of crop plants. Emphasis is on methods of cultivar development in self-pollinating, cross-pollinating and asexually propagating crops. Relevant examples of crop improvement research in Africa are utilized to cover factors affecting cultivar release, multiplication, and distribution of high-quality seed. [Description from resource].

**Includes:** Applied learning activities and downloadable worksheets.

**Licence:** CC BY-NC

## iBiology

A video collection “by some of the world’s best scientists, science policy experts and science educators.” Though free to watch and share, please note that these videos are not licensed for editing.

**Licence:** CC BY-NC-ND 3.0 (Note: This is an open access text which restricts remixing and adapting).

## An Interactive Introduction to Organismal and Molecular Biology, 2nd Edition

This interactive textbook begins by orienting students to the nature of science, and then proceeds with units on organismal biology and molecular biology.

**Includes:** Interactive activities, simulations, videos

**Licence:** CC BY-NC-SA 4.0

## Molecular Plant Breeding [New]

Originally developed as part of a grant from the Bill & Melinda Gates Foundation, Crop Genetics is the second in a series of books originally published under the title “Plant Breeding E-learning in Africa.” The book, adapted and updated for a broader audience, focuses on genomics and plant biotechnology approaches used in plant breeding, the analysis of genomic data, and their application in quality control measures.

**Includes:** Applied Learning Activities, downloadable handouts.

**Licence:** CC BY-NC

**Reviews:** Available through Open Textbook Library

## A Primer for Computational Biology

Published by Oregon State University, this book aims to provide life scientists and students the skills necessary for research in a data-rich world.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Phylogenetic Comparative Methods

This book was written by Luke J. Harmon at the University of Idaho, and covers phylogenetic comparative methods using R.

**Includes:** Summaries, sample R code

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Unfolding the Mystery of Life, Biology Lab Manual for Non-Science Majors

This laboratory manual is intended for use in a biology laboratory course taken by non-science majors, pre-biology, and pre-allied health majors.

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Biochemistry

### The Basics of General, Organic, and Biological Chemistry

This peer-reviewed open textbook was developed to suit a one-semester General, Organic and Biological Chemistry course.

**Includes:** Test questions following examples, end-of-chapter exercises.

**Licence:** CC BY-NC-SA



## Biochemistry Online (Jakubowski)

This is a comprehensive text from LibreTexts meant for university-level biochemistry courses covering topics such as cellular structure, lipid structure, carbohydrate, DNA, binding, transport, kinetics, metabolism, catalysis, oxidation, and signal transduction. There are links and references for further investigation and chapter-based questions. This largely imitates commercial biochemistry textbooks.

**Includes:** simulations, exercises, solutions, and critical thinking questions.

**Licence:** CC BY-NC-SA 4.0

## Cell Biology, Genetics, Molecular Biology, Evolution and Ecology

This textbook has been successfully adopted. It should be noted that it was written in the context of Indian universities and has a dedicated section to Indian ecology; however, it is a high-quality resource that covers all of the necessary concepts.

**Includes:** exercises.

## Cellular, Molecular and Microbial Biology

## Cell Biology, Genetics, Molecular Biology, Evolution and Ecology

This textbook has been successfully adopted. It should be noted that it was written in the context of Indian universities and has a dedicated section to Indian ecology; however, it is a high-quality resource that covers all of the necessary concepts.

**Includes:** exercises.

## General Microbiology

In this textbook the focus will be on the bacteria and archaea (traditionally known as the “prokaryotes,”) and the viruses and other acellular agents.

**Includes:** Key words, study questions, exploratory questions

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## An Interactive Introduction to Organismal and Molecular Biology, 2nd Edition

This interactive textbook begins by orienting students to the nature of science, and then proceeds with units on organismal biology and molecular biology.

**Includes:** Interactive activities, simulations, videos

**Licence:** CC BY-NC-SA

## Laboratory Exercises in Microbiology: Discovering the Unseen World Through Hands-On Investigation

The exercises in this laboratory manual are designed to engage students in hand-on activities that reinforce their understanding of the microbial world. Topics covered include: staining and microscopy, metabolic testing, physical and chemical control of microorganisms, and immunology. The target audience is primarily students preparing for a career in the health sciences.

**Includes:** Key terms, case studies

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Microbiology

*Microbiology* by OpenStax covers the scope and sequence requirements for a single-semester introductory microbiology course for non-majors. The book presents the core concepts of microbiology with a focus on applications for careers in allied health.

**Includes:** Summaries, review questions, clinical focus, D2L course cartridge, slides, test bank, practice problem widget

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Microbiology: A Laboratory Experience

Designed to support a course in microbiology, *Microbiology: A Laboratory Experience* permits a glimpse into both the good and the bad in the microscopic world. The laboratory experiences are designed to engage and support student interest in microbiology as a topic, field of study, and career.

**Licence:** CC BY-NC-SA

## Microbiology for Allied Health Students

Microbiology for Allied Health Students is designed to cover the scope and sequence requirements for the single semester Microbiology course for non-majors and allied health students. The book presents the core concepts of microbiology with a focus on applications for careers in allied health.

**Includes:** Check your understanding questions, clinical focus, glossary

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Ecology

### Ecology: Population Growth

*Ecology: Population Growth* is a Canadian adaptation of *Connecting Concepts: Interactive Lessons in Biology* by Robert Jeanne and Jan Cheetham (University of Wisconsin). It includes interactive lessons on exponential growth focusing on the zebra mussel population, logistic growth using fish as an example, and elephant population growth.

**Licence:** CC BY-NC-SA 4.0

## Plant Biology

### Botany – LibreTexts Bookshelves

Botany is the science of plant life and a branch of biology. Traditionally, botany includes the study of fungi and algae by mycologists and phycologists respectively. This page lists texts available within LibreTexts under the subject of botany.

**Licence:** CC BY-NC-SA

### Buds, Branches and Bark: A Guide to Winter ID in the Pacific Northwest

This project was made possible by funding through the Open Education Resource Grant at BCIT.

**Licence:** CC BY-NC-SA

## History and Science of Cultivated Plants

This textbook narrates how humans transitioned from foragers to farmers and have arrived at present-day industrial agriculture-based civilization. It entails myths, historical accounts, and scientific concepts to describe how human efforts have shaped and produced easier to grow, larger, tastier, and more nutritious fruits, vegetables, and grains from wild plants. Using examples of various economically and socially important crops central to human civilization, the book describes the origin of crop plants, the evolution of agricultural practices, fundamental concepts of natural selection vs. domestication, experimental and methodical plant breeding, and plant biotechnology.

**Licence:** CC BY-NC

## Identifying Noxious Weeds of Ohio

This identification guide provides technical descriptions and photos for Ohio's 21 invasive and noxious weed species. These descriptions include information on habitat, life cycle, key plant characteristics, and a summary of problematic features. Photos included in this guide present the weed species at different stages of maturity for optimal identification aid. This book also provides information on Ohio's noxious seed law, extension guides to weed control, and a quick guide to weed regulations in Ohio law.

**Licence:** CC BY

## Plant Anatomy and Physiology

This book was created to support teaching of an introductory unit on plant environmental physiology at Charles Darwin University in Australia. It makes use of various images of cells and tissues to introduce and illustrate the range of plant organelles, cells, tissues and organs.

**Licence:** CC BY-SA

## Primary Botany – OER Commons Curated Collection

These resources are appropriate for Applied Science, Education, Life Science, and Physical Science programs.

**Licence:** Various CC licences

## Virginia Cooperative Extension Gardener Handbook [New]

**Virginia Cooperative Extension Gardener Handbook** is a guide for all gardeners in Virginia. It covers a variety of topics important for beginning and experienced gardeners, including soil health, native plants, and integrated pest management. This manual provides an understanding of the basics of gardening in Virginia and helps to build a strong foundation of gardening knowledge. Resources for additional reading can be found at the end of each chapter.

We encourage readers to take a deeper dive into the topics that interest them and continue their learning journey [Description from resource]. Note: *while intended for gardeners, content may also be useful for botany and plant biology topics.*

**License:** CC BY-NC-SA 4.0

## Zoology

### Entomology 3II Lab Manual

This book is organized into 9 chapters, each representing a week of study.

**Includes:** Reading, pre-labs, lab assignments

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

### A Guide to the Principles of Animal Nutrition

In this introductory textbook six fundamental nutrients, including their structure, digestion, and metabolism, are covered. A brief introduction to bioenergetics, feed additives, nutrient analysis, digestive organs and processes in monogastric and ruminant animals, and methods for assessing nutrient utilization are also included.

**Includes:** New terms, key points, review questions

**Licence:** CC BY-NC

### Introductory Animal Physiology, 2nd Edition

This resource was adapted from other open textbooks with additional resources from faculty and invited students at the University of Toronto Mississauga. This book is an introduction to the diversity of structure and function in animals at the tissue and organ system level. The focus of this book is on principles and mechanisms that sustain life and maintain homeostasis, including water balance, gas exchange, acquisition and transport of oxygen and nutrients, temperature regulation, electrical and chemical signal transmission, sensory processing, and locomotion.

**Includes:** Practice questions, online resources, images

**Licence:** CC BY

# Introductory Animal Physiology

This book is an introduction to the diversity of structure and function in animals at the tissue and organ system level. The focus of this book is on principles and mechanisms that sustain life and maintain homeostasis, including water balance, gas exchange, acquisition and transport of oxygen and nutrients, temperature regulation, electrical and chemical signal transmission, sensory processing, and locomotion. The content in this open textbook was adapted from other open textbooks (CC-BY-4.0) resources or created/written by Sanja Hinic-Frlog and collaborators. Collaborators include: Jessica Hanley, Simone Laughton, and invited undergraduate and graduate students at the University of Toronto Mississauga.

**Licence:** CC BY 4.0

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# Department of Chemistry

## Analytical Chemistry 2.1

Written by David Harvey of DePauw University, this 2016 update to Analytical Chemistry 2.0 is well reviewed and adopted.

**Includes:** Key terms, problems, practice exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## ChemCollective

The ChemCollective is a project in the National Science Digital Library. It is a collection of virtual labs, scenario-based learning activities, tutorials, and concept tests.

**Includes:** Virtual labs, scenario-based learning activities, tutorials, concept tests

**Licence:** CC BY-NC-ND 3.0 (Note: This is an open access text which restricts remixing and adapting).

## Chemistry: 2e (OpenStax)

This peer reviewed OpenStax textbook comes with extensive instructor and student resources, much like many commercial textbooks. It has been adopted extensively.

**Includes:** Instructor resources, exercises, solutions, simulations, glossaries

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Chemistry: Atoms First 2e (OpenStax)

This peer reviewed OpenStax textbook was developed by chemistry professors from the OpenStax textbook listed above, to accommodate the authors' "atoms first" approach to teaching introductory chemistry.

**Includes:** Instructor resources, exercises, solutions, simulations, glossaries

**Licence:** CC BY 4.0

## Chemistry LibreTexts Living Library

A collection of open textbooks, assignments, and other educational resources on chemistry subjects.

**Includes:** Supplemental modules, exercises, ancillary materials

### General Chemistry 1 – Open & Free

Open interactive course that covers all topics typical of first semester Chemistry.

**Includes:** Activities

**Licence:** CC BY-NC-SA 4.0

### General Chemistry 2- Open & Free

Open interactive course that covers all topics typical of second semester Chemistry.

**Includes:** Activities

**Licence:** CC BY-NC-SA 4.0

### Introductory Chemistry, 1st Canadian Edition

This text is an adaptation of David W. Ball's Introductory Chemistry open textbook. It was adapted by Jessie A. Key at Vancouver Island University as part of the B.C. Open Textbook Project.

**Includes:** PowerPoint slides, exercises, solutions, examples, summaries

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

### Organic Nomenclature 101

This resource was developed by a faculty member from the University of Ottawa. It is an interactive way to learn organic chemistry nomenclature.

**Includes:** Interactive quiz, practice questions

**Licence:** CC BY-NC-SA



## Organic Chemistry I

An open textbook that is suitable for the first semester of Organic Chemistry. Basic concepts of the structures and reactivities of organic molecules are covered in this open textbook. Besides the fundamental discussions of organic acids-bases, stereochemistry, IR and NMR, this book also includes the topics of substitution and elimination reactions, radical substitution of alkanes, preparation and reactions of alkenes and alkynes.

**Includes:** Practice questions and answers

**Licence:** CC BY-NC-SA

## Organic Chemistry: A Tenth Edition (OpenStax) [New]

John McMurry's **Organic Chemistry** is renowned as the most clearly written book available for organic chemistry. In John McMurry's words, "I wrote this book because I love writing. I get great pleasure and satisfaction from taking a complicated subject, turning it around until I see it clearly from a new angle, and then explaining it in simple words." In **Organic Chemistry: A Tenth Edition** from OpenStax, McMurry continues this tradition while updating scientific discoveries, highlighting new applications, scrutinizing every piece of art, and providing example problems to assist students. **Organic Chemistry: A Tenth Edition** continues to meet the scope and sequence of a two-semester organic chemistry course that follows a functional group approach. A highlighted list of changes along with a detailed table of contents and ancillary descriptions can be found on the Instructor and Student resources sections of this page. John McMurry decided to publish **Organic Chemistry: A Tenth Edition** under an open license as a tribute to his son, Peter McMurry, who passed away from cystic fibrosis in December 2019. Please click [here](#) to learn more about Peter's legacy and to support the fight against cystic fibrosis [Description from resource].

**Licence:** CC BY-NC-SA

## Thermodynamics and Chemistry, 2nd Edition

This is designed for a 1-semester course in classical chemical thermodynamics.

**Includes:** Solutions manual, biographical sketches, appendices

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Virtual Textbook of Organic Chemistry

Authored by William Reusch at Michigan State University, this interactive textbook covers the usual topics treated in a second year course. Links are offered to advanced discussions of selected topics.

**Includes:** Practice problems

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# Department of Computer Science

## Computer Science (General)

### Algorithms and Data Structures With Applications to Graphics and Geometry

An introductory coverage of algorithms and data structures with application to graphics and geometry.

**Includes:** Exercises

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

### Applied Bioinformatics of Nucleic Acid Sequences

This book is designed to introduce students of the life sciences with little to no programming experience to the concepts and methodologies of bioinformatics, and contemporary software applications.

**Includes:** Exercises

**Licence:** CC BY

### Blueprints: Creating/ Describing/ and Implementing Designs for Larger-Scale Software Projects

Blueprints is a concise yet comprehensive coverage of Object-Oriented Analysis and Design concepts, suitable for a second programming course in Computer Science. It introduces and teaches application development in a command-line environment, and assumes basic expertise with the Java programming language.

**Licence:** CC BY-SA

### Delftse Foundations of Computation

The textbook is designed for an introductory course in theoretical computer science. It includes topics from propositional and predicate logic, proof techniques, set theory and the theory of computation, along with practical applications to computer science.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Eloquent JavaScript: A Modern Introduction to Programming, 3rd Edition

This book dives deep into the JavaScript language to show you how to write beautiful, effective code.

**Includes:** Exercises, code sandbox

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Foundations of Computation

The textbook is designed for a one-semester course in theoretical computer science.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Green Tea Press Textbooks [New]

A collection of free and open books by Allen Downey focusing on computer science.

**Licence:** Please refer to each resource for their license information

## Java, Java, Java: Object-Oriented Problem Solving

We have designed this third edition of Java, Java, Java to be suitable for a typical Introduction to Computer Science (CS1) course or for a slightly more advanced Java as a Second Language course. This edition retains the “objects first” approach to programming and problem solving that was characteristic of the first two editions. Throughout the text we emphasize careful coverage of Java language features, introductory programming concepts, and object-oriented design principles.

**Includes:** Case studies

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

# The Missing Link: An Introduction to Web Development and Programming

This text provides the developer with an understanding of the various elements of web development.

**Includes:** Assessments

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Modeling and Simulation in Python

*Modeling and Simulation in Python* is an introduction to physical modeling using a computational approach in a Jupyter notebook.

**Includes:** Exercises

**Licence:** CC BY-NC-SA 4.0

## The Nature of Code

This book focuses on the programming strategies and techniques behind computer simulations of natural systems.

**Includes:** Source files, exercises

**Licence:** CC BY-NC 3.0

## Open Data Structures: An Introduction

Offered as an introduction to the field of data structures and algorithms, *Open Data Structures* covers the implementation and analysis of data structures for sequences (lists), queues, priority queues, unordered dictionaries, ordered dictionaries, and graphs.

**Includes:** Discussion, exercises

**Licence:** CC BY-NC-ND 2.5 CA (Note: This is an open access text which restricts remixing and adapting).

**Reviews:** Available through the Open Textbook Library

## Programming Fundamentals: A Modular Structured Approach, 2nd Edition

The goal for this second edition is to make it programming-language neutral, so that it may serve as an introductory

programming textbook for students using any of a variety of programming languages, including C++, C#, Java, JavaScript, Python, and Swift.

**Licence:** CC BY-SA

**Reviews:** Available for the previous edition through the Open Textbook Library

## Programming Languages: Application and Interpretation

This text presents exercises and activities using Racket.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## A Primer for Computational Biology

This book covers topics such as the usage of the command-line interface, installing and running bioinformatics software (without access to administrator privileges on the machine), basic analysis of data using built-in system tools, visualization of results, and introductory programming techniques in 3 languages commonly used for bioinformatics: Unix/Linux, Python, and R.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Think C++: How To Think Like a Computer Scientist

*Think C++* is an introduction to programming using the C++ programming language.

**Includes:** Glossary

**Licence:** CC BY-NC-SA 4.0

## Think Data Structures: Algorithms and Information Retrieval in Java

This text organizes topics around an application—web search—that uses data structures extensively.

**Includes:** Exercises

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Think Java 2e: How To Think Like a Computer Scientist

*Think Java* is a hands-on introduction to computer science and programming. Its conciseness, emphasis on vocabulary, and informal tone make it particularly appealing for readers with little or no experience. The book starts with basic programming concepts and gradually works its way to advanced object-oriented techniques.

**Includes:** Vocabulary, exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Think OS: A Brief Introduction to Operating Systems

*Think OS* is an introduction to Operating Systems for programmers.

**Licence:** CC BY-NC 3.0

## Think Python 2e: How To Think Like a Computer Scientist

*Think Python* is an introduction to Python programming for beginners. It starts with basic concepts of programming, and is carefully designed to define all terms when they are first used and to develop each new concept in a logical progression.

**Includes:** Glossary, exercises

**Licence:** CC BY-NC 3.0

**Reviews:** Available through the Open Textbook Library

## Think Stats: Probability and Statistics for Programmers

*Think Stats* is an introduction to Probability and Statistics for Python programmers.

**Includes:** Exercises, glossary

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Computer Science 20 – Saskatchewan

Through its text and videos, this resource provides an interactive experience on learning to write and execute Python code. In addition to simply executing code, there is a unique feature called *code lens* that allows control of the flow of execution in order to gain a better understanding of how the program works.

**Includes:** videos, quizzes, exercises.

**Licence:** CC BY-SA 4.0

## Dot Net Perls

Dot Net Perls is an open resource with many example pages for many languages, including C#, F#, GoJava, JS, Python, Ruby, Scala, Swift, VB.Net, Windows and WPF with explanations and code side by side (for easy understanding).

**Licence:** Copyright holder has made the content on the website available to view online, however it is not openly licence.

## Computer Graphics

### Algorithms and Data Structures With Applications to Graphics and Geometry

An introductory coverage of algorithms and data structures with application to graphics and geometry.

**Includes:** Exercises

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Scientific Computation

### Delftse Foundations of Computation

The textbook is designed for an introductory course in theoretical computer science. It includes topics from propositional and predicate logic, proof techniques, set theory and the theory of computation, along with practical applications to computer science.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library



## Foundations of Computation

The textbook is designed for a one-semester course in theoretical computer science.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Modeling and Simulation in Python

*Modeling and Simulation in Python* is an introduction to physical modeling using a computational approach in a Jupyter notebook.

**Includes:** Exercises

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## A Primer for Computational Biology

This book covers topics such as the usage of the command-line interface, installing and running bioinformatics software (without access to administrator privileges on the machine), basic analysis of data using built-in system tools, visualization of results, and introductory programming techniques in 3 languages commonly used for bioinformatics: Unix/Linux, Python, and R.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Theoretical Computer Science

### Delftse Foundations of Computation

The textbook is designed for an introductory course in theoretical computer science. It includes topics from propositional and predicate logic, proof techniques, set theory and the theory of computation, along with practical applications to computer science.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Foundations of Computation

The textbook is designed for a one-semester course in theoretical computer science.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Visualization and Analytics

### Blueprints: Creating/ Describing/ and Implementing Designs for Larger-Scale Software Projects

Blueprints is a concise yet comprehensive coverage of Object-Oriented Analysis and Design concepts, suitable for a second programming course in Computer Science. It introduces and teaches application development in a command-line environment, and assumes basic expertise with the Java programming language.

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## Open Data Structures: An Introduction

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**Includes:** Discussion, exercises

**Licence:** CC BY-NC-ND 2.5 CA (Note: This is an open access text which restricts remixing and adapting).

**Reviews:** Available through the Open Textbook Library

## A Primer for Computational Biology

This book covers topics such as the usage of the command-line interface, installing and running bioinformatics software (without access to administrator privileges on the machine), basic analysis of data using built-in system tools, visualization of results, and introductory programming techniques in 3 languages commonly used for bioinformatics: Unix/Linux, Python, and R.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

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**No suggested OER currently available for the following subjects:**

- Computer Game Development
  - Human Computer Interactions
  - Information Security
  - Networks and Distributed Computing
  - Software Engineering
- 

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**Already using an OER? Have you adapted or created an OER?**

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# Department of Earth, Energy and Environment

## Geology

### Coastal Dynamics

This textbook on Coastal Dynamics focuses on the interrelation between physical wave, flow and sediment transport phenomena and the resulting morphodynamics of a wide variety of coastal systems.

**Licence:** CC BY-NC-SA 4.0

### Earth Science (Lumen Learning)

This text includes introductions to concepts from level I earth science courses, from geology to water systems. It was developed through Lumen Learning and a professor of Geology and Earth Sciences from Santa Ana College.

**Includes:** Exercises, summaries

**Licence:** CC BY 4.0, unless otherwise noted.

### Environmental Geology [New]

This environmental geology course is about how geological processes affect the environment as well as humans and their infrastructure, and also about how humans affect geological processes. The course covers the typical environmental geology topics (earthquakes, volcanoes, slope failures, etc.) but has a strong emphasis on Earth systems and especially on climate change. The motivation behind making this course open and widely available is the urgency of environmental issues like climate change, which is more important at this time than ever before. [Description from resource].

**Includes:** Instructor guide, student guide, assignments, marking rubrics, visual aids.

**Licence:** CC BY

### Geological Structures: A Practical Introduction

This manual is about structures that occur within the Earth's crust. Structures are the features that allow geologists to figure out how parts of the Earth have changed position, orientation, size and shape over time.

**Includes:** Labs

**Licence:** CC BY-NC

## GeoScience Images

Funded by the Tamaratt Teaching Professorship, this collection of geoscience-related images is an open-access source for teaching, learning, and research. It relies on contributions from users. Use these instructional images for use in course materials; exemplars with notes for students learning in the geosciences; and data for research and scholarship purposes (Description from UCalgary Digital Collections).

**Licence:** See individual image for licensing details.

## Geosciences LibreTexts Library

A collection of open textbooks, assignments, and other educational resources on the subject of geosciences.

**Includes:** Lab experiments, case studies, interactive applications and worksheets

**Licence:** See individual resources for licensing details

## Introduction to Earth Science [New]

**Introduction to Earth Science** is a 530+ page open textbook designed to provide a comprehensive introduction to Earth Science that can be freely accessed online, read offline, printed, or purchased as a print-on-demand book. It is intended for a typical 1000-level university introductory course in the Geosciences, although its contents could be applied to many other related courses. This text includes various important features designed to enhance the student learning experience in introductory Earth Science courses. These include a multitude of high-quality figures and images within each chapter that help to clarify key concepts and are optimized for viewing online. Self-test assessment questions are embedded in each online chapter that help students focus their learning. [Description from resource].

**Licence:** CC BY-NC-SA

**Reviews:** Available through Open Textbook Library.

## Introductory Physical Geology Laboratory Manual – First Canadian Edition

Introduction to Geology is a textbook designed to ease new students into the often complex topics of Geology and the study of our planet and its makeup. The book assists readers through the beginning topics and nomenclature of Geology to familiarize them with Geology's version of the scientific methods. This is an adaptation designed for students at the University of Saskatchewan.

**Includes:** Exercises

**Licence:** CC BY-SA

## Laboratory Manual for Introductory Geology

This textbook is a comprehensive lab manual for the core curriculum Introductory Geosciences classes with both informational content and laboratory exercises. Topics include basic laws and theories in Geology, the Earth's interior and plate tectonics, water and climate change, igneous rocks and volcanoes, and earthquakes.

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Physical Geology

This textbook was written by an earth sciences professor at Thompson Rivers University in British Columbia, Canada. This was done in collaboration with academics from various post-secondary institutions across BC and the rest of Canada. It has been successfully adopted.

**Includes:** Applications, chapter summaries, exercises, and solutions

**Licence:** CC BY

## Surveying and Mapping

This book provides an introduction into the field of surveying and mapping.

**Includes:** Exercises and worked examples

**Licence:** CC BY-NC-SA

## The Delft Sand, Clay & Rock Cutting Model

In dredging, trenching, (deep sea) mining, drilling, tunnel boring and many other applications, sand, clay or rock has to be excavated. This book gives an overview of cutting theories. It starts with a generic model, which is valid for all types of soil (sand, clay and rock) after which the specifics of dry sand, water saturated sand, clay, atmospheric rock and hyperbaric rock are covered.

**Licence:** CC BY-NC-SA

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**No suggested OER currently available for the following subject:** Geophysics

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Mathematics and Statistics

## Mathematics

### Active Calculus 2.0

This textbook is designed to create active learners, focusing on having students solve challenging problems. This textbook can be used along with *Active Calculus Multivariable*.

**Includes:** Interactive exercises and solutions, lab manual, other instructor resources.

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

### Active Calculus Multivariable

This textbook is designed to create active learners, focusing on having students solve challenging problems. This textbook can be used along with *Active Calculus 2.0*.

**Includes:** Interactive exercises and solutions, lab manual, other instructor resources.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## American Institute of Mathematics Open Textbook Initiative

Find more open textbooks through AIM's Open Textbook Initiative.

**Licence:** Please refer to the individual licenses of the Open Textbooks. Licenses will vary.

### APEX Calculus

This text, or portions of it, has been adopted at a considerable number of American institutions to, according to their website. These institutions include the Virginia Military Institute, where the author is an associate professor of mathematics.

**Includes:** interactive graphics, exercises and solutions

**Licence:** CC BY-NC



**Reviews:** Available through the Open Textbook Library

## Applied Calculus

This text covers all of the concepts of first-year calculus with a balance of application and theory.

**Includes:** Problem-solving guides, examples on MyOpenMath, videos, applications, problems, selected solutions, summaries

**Licence:** CC BY

## Book of Proof, 3rd Edition

This book is an introduction to the standard methods of proving mathematical theorems.

**Includes:** Instructor resources and workbook

**Licence:** CC BY-ND (Note: This is an open access text which restricts remixing and adapting).

**Reviews:** Available through the Open Textbook Library

## Calculus

Originally published through traditional means, this textbook is now available as an open educational resource. This text includes single and multivariable calculus and was written by a professor of mathematics at the Massachusetts Institute of Technology.

**Includes:** Instructor's manual, a student study guide with exercises and select solutions, links to a calculus video series by the author

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Calculus for the Life Sciences: A Modelling Approach Volume 1

This textbook was written by two professors at Iowa State University with the goal introducing students to scientific modeling. This course aims to teach students the necessary skills and concepts from a traditional physical sciences course, while explaining the applications of calculus to the life sciences.

**Includes:** Exercises, solutions to select problems, MATLAB exercises.

**Licence:** CC BY-NC-ND (Note: this more restrictive licence does not allow any editing of the resource.)

**Reviews:** Available through the Open Textbook Library

## Calculus: Volume 1

Concepts covered in this OpenStax volume with ancillary resources includes functions, limits, derivatives, and integration.

**All volumes include:** Exercises and answers, instructor resources, student resources.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Calculus: Volume 2

Concepts covered in this OpenStax volume with ancillary resources includes integration, differential equations, sequences and series, and parametric equations and polar coordinates.

**All volumes include:** Exercises and answers, instructor resources, student resources.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Calculus: Volume 3

Concepts covered in this OpenStax volume includes parametric equations and polar coordinates, vectors, functions of several variables, multiple integration, and second-order differential equations.

**All volumes include:** Exercises and answers, instructor resources, student resources.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## CLP-1 Differential Calculus

The CLP Calculus Textbooks and problem books were written for standard university Calculus 1, 2, 3 and 4 courses at the Department of Mathematics, UBC. The authors are three UBC Mathematics Department faculty, Joel Feldman, Andrew Rechnitzer and Elyse Yeager. Information on how to obtain the source files for the CLP texts can be found [here](#).

**Licence:** CC NC-SA

## CLP-2 Integral Calculus

The CLP Calculus Textbooks and problem books were written for standard university Calculus 1, 2, 3 and 4 courses at the Department of Mathematics, UBC. The authors are three UBC Mathematics Department faculty, Joel Feldman, Andrew Rechnitzer and Elyse Yeager. Information on how to obtain the source files for the CLP texts can be found [here](#).

**Licence:** CC NC-SA

## CLP-3 Multivariable Calculus

The CLP Calculus Textbooks and problem books were written for standard university Calculus 1, 2, 3 and 4 courses at the Department of Mathematics, UBC. The authors are three UBC Mathematics Department faculty, Joel Feldman, Andrew Rechnitzer and Elyse Yeager. Information on how to obtain the source files for the CLP texts can be found [here](#).

**Licence:** CC NC-SA

## CLP-4 Vector Calculus

The CLP Calculus Textbooks and problem books were written for standard university Calculus 1, 2, 3 and 4 courses at the Department of Mathematics, UBC. The authors are three UBC Mathematics Department faculty, Joel Feldman, Andrew Rechnitzer and Elyse Yeager. Information on how to obtain the source files for the CLP texts can be found [here](#).

**Licence:** CC NC-SA

## Combinatorics and Graph Theory

This introduction to combinatorics available through LibreTexts discusses inclusion-exclusion, generating functions, and other topics.

**Includes:** Exercises, glossary

**Licence:** CC BY-NC-SA

## Combinatorics: An Upper-Level Introductory Course in Enumeration, Graph Theory, and Design Theory, V.2

This textbook is used for a written by a math professor at the University of Lethbridge for a third year course.

**Includes:** Exercises and solutions, biographical briefs

**Licence:** CC BY-NC-SA 2.0

## Community Calculus (Single, Multivariable)

This online compilation of four calculus textbooks is frequently updated and has been used in courses. It has been positively reviewed by the Mathematical Association of America. It also covers early and late transcendentals.

**Includes:** Exercises, solutions, and WeBWorK problem sets.

**Licence:** CC BY-NC-SA

## A Computational Introduction to Number Theory and Algebra

The mathematical material covered includes the basics of number theory and of abstract algebra. It also includes an introduction to discrete probability theory.

**Includes:** Exercises

**Licence:** CC BY-NC-ND (Note the more restrictive licence does not allow any editing of the resource.)

**Reviews:** Available through the Open Textbook Library

## Contemporary Calculus

This textbook was created as part of the Washington State Colleges' Open Course Library Project, which received funding through the Gates Foundation.

**Includes:** Exercises, solutions to odd-numbered problems

**Licence:** CC BY

## A Cool Brisk Walk Through Discrete Mathematics

This text covers sets, relations, probability, structures, counting, logic, and proof.

**Includes:** Videos, exercises

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Differential Calculus for the Life Sciences

This textbook was written by a math professor at the University of British Columbia and is currently used as a textbook for introductory calculus courses for life sciences undergraduates.

**Includes:** Exercises and solutions to selected problems.

**Licence:** CC BY-NC-SA

## Differential Calculus: From Practice to Theory [New]

*Differential Calculus: From Practice to Theory* covers all of the topics in a typical first course in differential calculus. Initially it focuses on using calculus as a problem solving tool (in conjunction with analytic geometry and trigonometry) by exploiting an informal understanding of differentials (infinitesimals). As much as possible large, interesting, and important historical problems (the motion of falling bodies and trajectories, the shape of hanging chains, the Witch of Agnesi) are used to develop key ideas. Only after skill with the computational tools of calculus has been developed is the question of rigor seriously broached. At that point, the foundational ideas (limits, continuity) are developed to replace infinitesimals, first intuitively then rigorously. This approach is more historically accurate than the usual development of calculus and, more importantly, it is pedagogically sound. The text also incorporates curated activities from the TRansforming Instruction in Undergraduate Mathematics Instruction via Primary Historical Sources (TRIUMPHS) project to provide students with ample opportunities to develop relevant competencies. [Description from resource].

**Licence:** CC BY-NC-SA

## Discrete Mathematics: An Open Introduction

Approved by the American Institute of Mathematics, this textbook grew out of a discrete mathematics course at the University of Northern Colorado.

**Includes:** Questions, answers, instructor resources upon request

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Elementary Differential Equations

This book was published previously by Brooks/Cole Thomson Learning, 2001. This free edition is made available in the hope that it will be useful as a textbook or reference. Elementary Differential Equations with Boundary Value Problems is written for students in science, engineering, and mathematics who have completed calculus through partial differentiation.

**Licence:** CC-NC-SA

## Euclidean Plane and its Relatives

The book is a minimalist introduction to the Euclidean plane, intended for upper-level students.

**Includes:** Exercises, hints

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Fundamentals of Matrix Algebra

This text deals with the basic principles of matrix and linear algebra. It covers solving systems of linear equations, matrix arithmetic, the determinant, eigenvalues, and linear transformations.

**Includes:** Exercises, solutions, definitions

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Introduction to Game Theory: A Discovery Approach

This text also includes an exploration of the ideas of game theory through the rich context of popular culture. It contains sections on applications of the concepts to popular culture. The questions in each of these sections are intended to serve as essay prompts for writing assignments.

**Includes:** Questions for essay prompts, exercises

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## An Introduction to Set Theory and Topology

These notes are an introduction to set theory and topology. They are the result of teaching a two-semester course sequence on these topics at Washington University in St. Louis.

**Includes:** Exercises, chapter reviews

**Licence:** CC BY-NC-ND (Note the more restrictive licence does not allow any editing of the resource.)

# Introduction to the Modeling and Analysis of Complex Systems

This textbook introduces students to mathematical/computational modelling and analysis developed in the emerging interdisciplinary field of Complex Systems Science.

**Includes:** Code, exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library and within the textbook

## Linear Algebra

This text covers linear systems and Gauss's Method, vector spaces, linear maps and matrices, determinants, and eigenvectors and eigenvalues, as well as additional topics such as introductions to various applications. Supplementary materials are available.

**Includes:** Exercises, solutions, lab manual, lecture slides, videos

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library and other sources

## Linear Algebra with Applications: Lyryx

The first version of this book was published in 1986 as a traditionally published textbook. The current version from 2018 was published as an open educational resource for a traditional or advanced introduction to the topics within linear algebra.

**Includes:** Instructor resources: solution manual to exercises and lecture slides.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Mathematical Reasoning: Writing and Proof

This textbook is designed for the first course in a mathematics curriculum that introduces students to the processes of constructing and writing proofs. It focuses on the formal development of mathematics.

**Includes:** Questions, answers, and instructor resources upon request

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Measure, Integration & Real Analysis

This textbook was written for a graduate level course and published by a traditional publisher.

**Includes:** Exercises

**Licence:** CC BY-NC

## Proofs and Concepts: The Fundamentals of Abstract Mathematics

This textbook has been created and used at the University of Lethbridge. It provides an introduction to proofs, logic, sets, functions, and other fundamental topics of abstract mathematics.

**Includes:** Definitions

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## A Spiral Workbook for Discrete Mathematics

This is a text that covers the standard topics in a sophomore-level course in discrete mathematics: logic, sets, proof techniques, basic number theory, functions, relations, and elementary combinatorics, with an emphasis on motivation.

**Includes:** Exercises, selected solutions

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Statistics

### Introductory Statistics (Saylor)

This peer reviewed textbook was written for an introductory statistics course, and focuses on core statistical concepts rather than introducing broader concepts.

**Includes:** Exercises and answers

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Library



## Introductory Statistics

*Introductory Statistics* is a peer reviewed text that follows the scope of a one-semester, introduction to statistics course and is geared toward students majoring in fields other than math or engineering. It focuses on the applications of statistical knowledge rather than the theory behind it.

**Includes:** Key terms, chapter review, practice exercises, homework

**Reviews:** Available through the Open Textbook Library and BCcampus

## Introduction to Probability, Statistics and Random Processes

This peer reviewed textbook is intended for undergraduate courses in probability, statistics, and random processes.

**Includes:** Exercises, solutions, and code

**Licence:** CC BY

**Licence:** CC BY-NC-ND (Note: due to the more restrictive licence, editing this resource is not permitted.)

## Introduction to Statistics

This textbook from 2003 is in the Public Domain.

**Includes:** Learning outcomes, exercises, glossary, case studies

**Licence:** CC0, Public Domain

**Reviews:** Available through the Open Textbook Library

## Intermediate Statistics with R

This textbook builds on the basic statistical thinking from an introductory course to explore a large number of statistical methods.

**Includes:** Case studies

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## OpenIntro Statistics, 4th Edition

OpenIntro is a nonprofit with some textbook offerings in statistics.

**Includes:** Videos, slides, labs, exercises, sample exams, data sets

**Licence:** CC BY-SA 3.0, CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Think Bayes: Bayesian Statistics Made Simple

This statistics text has been positively reviewed. It covers introductory concepts in Bayesian statistics, from computational statistics to dimensions.

**Includes:** Student resources, summaries, examples, problems, and real-world applications

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Actuarial Science

### Risk Management for Enterprises and Individuals

This book provides a broad overview of risk management.

**Includes:** Key takeaways, discussion questions, review

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

### Loss Data Analytics

This open textbook is the first product of the Open Actuarial Textbooks Project and created by the actuarial community.

**Includes:** Case studies, exercises, R code

**Licence:** CC BY 4.0

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**No suggested OER currently available for the following subject:** Data Science

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Department of Physics and Astronomy

## Physics

### All Things Flow: Fluid Mechanics for the Natural Sciences

This book began as lecture notes for an Oregon State University course in fluid mechanics, designed for beginning graduate students in physical oceanography. Because of its fundamental nature, this course is often taken by students outside physical oceanography, e.g., atmospheric science, civil engineering, physics and mathematics.

**Includes:** Exercises

**Licence:** CC BY-NC 4.0

### Applications of Maxwell's Equations

This book was developed at Simon Fraser University for an upper-level physics course. Along with electricity and magnetism, it devotes a chapter to ferromagnets.

**Includes:** Problems and answers

**Licence:** CC BY

### Body Physics: Motion to Metabolism

This text covers introductory biophysics concepts, including body forces, body heat, and body composition measurement.

**Includes:** Summaries, exercises, solutions, applications, and examples.

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

### College Physics (OpenStax)

This introductory, algebra-based, two-semester college OpenStax physics book is grounded with real-world examples, illustrations, and explanations to help students grasp key, fundamental physics concepts.

**Includes:** Learning objectives, concept questions, links to labs, simulations

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Introductory Physics: Building Models to Describe Our World (LibreTexts)

This is an open ACCESS textbook for calculus-based introductory physics courses. The textbook is specifically intended for a flipped-classroom approach, wherein students complete readings at home and the material is then discussed in class.

**Includes:** Reinforcement activities, key terms and concepts

**Licence:** CC BY-SA

## Physics (Lumen Learning)

This Lumen Learning covers all of the concepts of first-year physics with a balance of application and theory.

**Includes:** Problem-solving guides, examples, videos, applications, problems, selected solutions, summaries

**Licence:** CC BY 4.0, unless otherwise noted.

## Relativity Lite: A Pictorial Translation of Einstein's Theories of Motion and Gravity

Relativity Lite translates the mathematical equations conventional relativity texts rely upon into pictures that are readily understood and contain within them the mathematical essentials.

**Licence:** CC BY-NC

## Spiral Physics [LibreTexts]

Spiral Physics is a research-based introductory physics curriculum developed at Monroe Community College. It integrates text and workbook activities in a modular fashion, and arranges topics so that students receive repeated exposure to concepts with increased complexity.

**Includes:** Activities

**Licence:** CC BY-NC-SA

## University Physics I: Classical Mechanics

This is a “minimalist” textbook for a first semester of university, calculus-based physics, covering classical mechanics (including one chapter on mechanical waves, but excluding fluids), plus a brief introduction to thermodynamics.

**Includes:** Summaries, examples, problems

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## University Physics Volume 1

University Physics: OpenStax was developed by professors of physics and has been successfully adopted. It emphasizes the connection between application and theory. Volume 1 covers mechanics, waves and acoustics.

**Includes:** Instructor resources, student resources, examples, exercises, solutions, summaries, simulations

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## University Physics Volume 2

University Physics: OpenStax was developed by professors of physics and has been successfully adopted. It emphasizes the connection between application and theory. Volume 2 covers thermodynamics, electricity and magnetism.

**Includes:** Instructor resources, student resources, examples, exercises, solutions, summaries, simulations

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## University Physics Volume 3

University Physics: OpenStax was developed by professors of physics and has been successfully adopted. It emphasizes the connection between application and theory. Volume 3 covers optics, modern physics.

**Includes:** Instructor resources, student resources, examples, exercises, solutions, summaries, simulations

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Astronomy

### AstroEDU

astroEDU is an open-access platform for peer-reviewed science education activities. It is a project of the International Astronomical Union under the framework of the IAU Office of Astronomy for Development.

**Licence:** CC BY 4.0

### Astronomy (OpenStax)

This OpenStax astronomy text has been positively-reviewed and has been successfully adopted by other faculty. It covers introductory concepts in astronomy, from astronomical instruments to the evolution of galaxies.

**Includes:** Instructor resources, student resources, applications, summaries, exercises, solutions, group activities

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

### Stellarium

Stellarium is a free open source planetarium for your computer that shows a realistic sky in 3D.

**Licence:** GNU General Public Licence

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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#### **Know of an open educational resource (OER) not listed?**

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#### **Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# FACULTY OF SOCIAL WORK

## Faculty Organization in *OER by Discipline Guide*

The Faculty of Social Work has not been sub-divided into departments, as there are no visible departments on the faculty website.

Individual Open Educational Resources (OER) are organized alphabetically by title.

## Connect with Libraries and Cultural Resources Support

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# Faculty of Social Work

## Canadian Settlement in Action: History and Future [New]

The eight chapters of this book encapsulate the past, present, and future of Canadian immigration and settlement. The topics, in part, cover the history of immigration to Canada through an objective lens that allows readers to learn what transpired with the settlement of specific ethnic groups, as well as address Canada's current policies and approaches to immigration. This leads to an exploration of the challenges that newcomers to Canada and the settlement sector are encountering today. Readers and learners of settlement studies will embark on a journey of self-reflection throughout this book as they engage in many activities, quizzes, and interactions which may be self-directed or instructor led [Description from resource].

**Licence:** CC BY-NC-SA

## Decolonizing Pathways towards Integrative Healing in Social Work

This open access text considers integrative healing from the decolonizing perspective, drawing from the traditional knowledge and stories of Indigenous peoples.

**Includes:** Discussion guide

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Foundations of Social Work Research

Introductory text on research methods in social work.

**Includes:** Practice behaviour index, key takeaways, glossary, list of links by chapter, accessibility rubric

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Graduate Research Methods in Social Work: A Project-Based Approach

This textbook is aimed at graduate-level social work students. It provides an introduction to the research process, with a focus on ethics and values.

**Includes:** Glossary, workbook, quiz bank, sample assignments

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Guidebook for Social Work Literature Reviews and Research Questions

Short guidebook providing an overview of literature-based research in social work.

**Includes:** List of links by chapter, accessibility rubric

**Licence:** CC BY-NC-SA 4.0

## Historical and Contemporary Realities: Movement Towards Reconciliation

The idea behind the creation of this open textbook is twofold. First, it is written as a resource for educators to teach students about the Indigenous historical significance of the lands encompassing the Robinson-Huron Treaty area and more specifically the Greater Sudbury and Manitoulin area. Secondly, through the use of interactive mapping strategies, the textbook will serve as a guide for educators to develop a similar resource to document Indigenous stories from their own areas. This open textbook is designed to be used at an introductory level to teach about social welfare issues within the Honours Bachelor of Indigenous Social Work program situated in the School of Indigenous Relations at Laurentian University. The material contained within this open textbook is broad enough that it can be used in other disciplines – sociology, education, law and justice, architecture, etc.. This text consists of six chapters. Chapter 1 provides an introduction to the gathering of Indigenous stories and their historical significance within the Greater Sudbury area. Chapters 2 – 5 are structured using the medicine wheel as its framework. Finally, Chapter 6 focuses on braiding Indigenous and Western approaches (Description from resource).

**Includes:** Learning activities, resources for more learning, maps

**Licence:** CC BY-NC 4.0

## Human Behavior in the Social Environment: Volume I

This discusses biopsychosocial, sociocultural, and social change dimensions of behaviour, as well as information on human development from the prenatal period through late adulthood.

**Includes:** Recommended videos

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Human Behavior in the Social Environment: Volume II

This discusses biopsychosocial, sociocultural, and social change dimensions of behaviour, as well as information on human development from the prenatal period through late adulthood.

**Includes:** Recommended videos

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Immigrant and Refugee Families: Global Perspectives on Displacement and Resettlement Experiences, 2nd Edition

Offers an interdisciplinary perspective on immigrant and refugee families, including the areas of economics, politics, health, and human rights. Reviews are available.

**Includes:** Case studies, videos

**Licence:** CC BY-NC 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Social Work (Gladden et al.)

This book was written by MSW students to provide an overview of topics in social work, including in child welfare, health, criminal justice, and services to the elderly.

**Includes:** Terms lists, case studies

**Licence:** CC BY 4.0

## Open Social Work Website [New]

A collaborative project that addresses open education, open access, open science, and the practices that support them. We are inspired to support the human rights to free access to knowledge and equitable access to education [from website]. Based in the U.S., this website includes curated open resources for Social Work education.

**Licence:** Licenses vary, please refer to each resource for license information

## Principles of Social Psychology

This social work text has been positively reviewed. It covers introductory concepts in social psychology.

**Includes:** Index, glossary, exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Reciprocal Relationships and Well-being: Implications for Social Work and Social Policy

This open access title includes chapters from Canada, the US, the UK, Finland, and Austria. It provides an overview of social policy and social care practices relevant to reciprocity.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Scientific Inquiry in Social Work

This social work text has been positively reviewed. It covers introductory concepts in scientific inquiry with a social work perspective, from ethics to sampling.

**Includes:** Instructor resources, student resources, summaries, real-world applications

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Social Work, Sociometry, and Psychodrama: Experiential Approaches for Group Therapists, Community Leaders, and Social Workers

Published by Springer, this open access text focuses on the intersection of social work with psychodrama, discussing how this approach can be used in trauma-informed practice.

**Licence:** CC BY 4.0

## The Service User as a Partner in Social Work Projects and Education

This open access anthology describes projects and courses in which service users have been involved.

**Licence:** CC BY-NC-ND 3.0 (Note: This is an open access text which restricts remixing and adapting).

## Wellbeing, freedom, and social justice: The capability approach re-examined

This book provides an in-depth examination of the capability approach, including a discussion of common critiques.

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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# FACULTY OF VETERINARY MEDICINE

## Faculty Organization in *OER by Discipline Guide*

The Faculty of Veterinary Medicine is organized according to the departments listed on the faculty website, followed by any applicable sub-departments or subjects.

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# Department of Comparative Biology and Experimental Medicine

## 3D Skeletons and Skulls

A collection of 3D CT scans of a variety of wild and domestic animal skeletons and skulls.

**Licence:** CC BY

## Cells and Smears: Veterinary Clinical Pathology Digital Database [New]

This website is intended as an easily accessible online database of cell pathology images to complement textbooks and lecture material for veterinary clinical pathology students. To facilitate visual identification of cells by new learners, images are captioned with key features marked and brief descriptions of cell morphology are provided. This database can be continually expanded and improved based on feedback from students [Description from resource].

**Licence:** CC BY-NC-SA

## Clinical Veterinary Diagnostic Laboratory

This book is aimed to guide the pre-clinical veterinary student through basic patient-side diagnostic testing procedures that accompany the in-person laboratory course.

**Licence:** CC BY-NC

## Anatomy and Physiology of Animals

This book describes the structure of the animal body and the way in which it works. Animals encountered in normal veterinary practice are used as examples where possible.

**Licence:** CC BY-NC-SA

## Animals & Ethics 101: Thinking Critically about Animal Rights

This textbook helps readers identify and evaluate the arguments for and against various uses of animals.

**Licence:** CC BY-SA

## A Guide to the Principles of Animal Nutrition

In this introductory text, six fundamental nutrients, their structure, digestion, and metabolism are covered. A brief introduction to bioenergetics, feed additives, nutrient analysis, digestive organs and processes in monogastric and ruminant animals, and methods for assessing nutrient utilization are also included.

**Licence:** CC BY-NC

## Introductory Animal Physiology, 2nd Edition

This book is an introduction to the diversity of structure and function in animals at the tissue and organ system level. The focus of this book is on principles and mechanisms that sustain life and maintain homeostasis, including water balance, gas exchange, acquisition and transport of oxygen and nutrients, temperature regulation, electrical and chemical signal transmission, sensory processing, and locomotion. The content in this open textbook was adapted from other open textbooks.

**Includes:** Self-check questions, discussion concepts, activities, multimedia content

**Licence:** CC BY

## Judging and Evaluating Dairy Cattle

These materials have been put together to help students and youth to learn the basics of judging and evaluating dairy cattle using various methods. There are numerous 4-H, Cooperative Extension and Breed Association booklets freely available, referred to in the document. However, this resource differs as it is intentionally full of visual examples and videos. The objective is to provide educators with additional resources to help beginning cattle judges understand visual evaluation and comparative judging techniques, as well as breed standards, linear scoring, oral reasons and the basics of fitting and showmanship.

**Licence:** CC BY-NC-SA

## Swine Diseases

This textbook was written as a support for the course CVM 6969: Large Animal Medicine III at the University of Minnesota. Its structure follows the organization of the course sessions and may be confusing for an external audience.

**Licence:** CC BY-NC



## Vet Med: Applied GI Physiology- Supplemental Notes

This book is an attempt to connect the principles of veterinary physiology to the clinical presentation of disorders, particularly diagnostic tests and test interpretation.

**Licence:** CC BY-NC

## Veterinary Epidemiology: Principles and Methods

The purpose of this textbook is to provide an introductory, yet comprehensive, source of information on epidemiology for veterinary students, researchers, and practitioners. There has not been a textbook that presents analytic epidemiology as a science, basic to veterinary medicine's efforts in health management (herd health) as well as in clinical medicine.

**Licence:** CC BY-NC-ND (Note: this is an open access resource that does not allow for remixing and adaptation)

## Veterinary Histology

This open textbook focuses on conveying the basic material required for understanding the microscopic anatomy to better understand the disease processes that they will learn later in the curriculum. Included is a basic overview of veterinary histology of commonly reviewed organ systems, with the goal of illustrating important concepts of cells, tissues, and organs in a manner that we hope is not only accessible to first-year veterinary students, but serves as a reference for clinical medicine and pathology.

**Licence:** CC BY-NC

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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### **Know of an open educational resource (OER) not listed?**

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### **Already using an OER? Have you adapted or created an OER?**

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# Department of Ecosystem and Public Health

## The Economics of Food and Agricultural Markets

This text is written for applied intermediate microeconomics courses. The book uses economic principles to explain and predict issues and current events in the food, agricultural, agribusiness, international trade, labour markets, and natural resource sectors.

**Includes:** Case studies

**Licence:** CC BY-NC 4.0

## An Interactive Text for Food and Agricultural Marketing

This interactive text is intended to provide students with a broad understanding of the economics of food and agricultural markets, and assumes an understanding of algebra and microeconomic principles that would be covered in a typical introductory economics course.

**Includes:** Lecture slides, interactive figures, problem sets

**Licence:** CC BY-SA 4.0

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# Department of Production Animal Health

## 3D Skeletons and Skulls

A collection of 3D CT scans of a variety of wild and domestic animal skeletons and skulls.

**Licence:** CC BY

## Animals & Ethics 101: Thinking Critically about Animal Rights

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**Licence:** CC BY-SA

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**Licence:** CC BY-NC

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**Licence:** CC BY-NC

## IntechOpen Book Series: Veterinary Medicine and Science

This book series collection from IntechOpen on scientific topics in veterinary medicine and science has some open access publications on equine science, reproduction, farm animals, genetics, and more that may be relevant for courses in the Faculty of Veterinary Medicine.

**Licence:** These open access publications and chapters within are largely licensed under a CC BY-NC-ND licence which restricts remixing and adaptations.

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**Licence:** CC BY-NC-SA

## Large Animal Surgery – Supplemental Notes

This textbook includes basic principles of large animal surgery and anesthesia, how to apply those principles to cases and situations, and discover ways of finding answers when you don't remember the information, are presented with cases that aren't "textbook" and/or things don't go as planned.

**Licence:** CC BY-NC

## Online Veterinary Anatomy Museum (OVAM)

Online Veterinary Anatomy Museum (OVAM) was established to promote free sharing of peer reviewed content. It became apparent that there was a real enthusiasm from project partners to collaborate and new partners also requested to join. As a result, the museum now hosts digital assets from over 15 institutions including all the UK veterinary school and vet schools in the rest of Europe, India and Australasia (Description from resource).

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**Licence:** CC BY-NC

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**Licence:** CC BY-NC-ND (Note: this is an open access resource that does not allow for remixing and adaptation)

## Veterinary Preventive Medicine

This textbook covers preventive approaches in veterinary medicine.

**Licence:** CC BY-NC

## Well-being Handbook

This book is a resource for veterinary students.

**Licence:** CC BY-NC

## WikiVet

A free online encyclopedia for veterinary medicine.

**Licence:** CC BY-NC-ND applied to WikiVet site (Note: this is an open access resource that restricts remixing and adaptation), note that individual resources may have a different licence applied.

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Your Subject Librarian in the Department of Production Animal Health is Heather Ganshorn.

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# Department of Veterinary Clinical and Diagnostic Sciences

## Anatomy and Physiology of Animals

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## Cells and Smears: Veterinary Clinical Pathology Digital Database [New]

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**Licence:** CC BY-NC

## The Normal Canine Video Series

This series of four videos are intended for first-year students of veterinary medicine and include four canine exams: head and neck canine exam, thoracic canine exam, abdominal canine exam, urogenital rectal canine exam.

**Licence:** CC BY

## Online Veterinary Anatomy Museum (OVAM)

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This textbook covers preventive approaches in veterinary medicine.

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# HASKAYNE SCHOOL OF BUSINESS

## Faculty Organization in *OER by Discipline Guide*

As departments are not visible on Haskayne School of Business' website, this faculty has been organized by subject originating from the adapted OER by Discipline Guide by UManitoba.

Individual Open Educational Resources (OER) are organized alphabetically by title.

**No current suggested OER for:** Labour Relations

## Suggested Repositories For...

### Case Studies

- IBIMA Business Review Journal (IBIMABR): IBIMA Business Review Journal (IBIMABR) is a peer-reviewed, open access journal that publishes publishing quality Case Studies in all business fields that significantly contribute to practice and support continuous learning efforts in organizations.
- University of Lethbridge Open Educational Resources: Business Cases Guide: This guide developed by the University of Lethbridge provides a curated list of websites and repositories for searching for open cases, along with recommended databases.
- UBC Business Case Studies: Free Case Studies Guide: UBC has also developed a guide with a curated list of organizations who provide free access to case studies.

### General

- Okanagan College Library, Business Open Educational Resources: This Library Guide provides a curated list of open educational resources and other resources for OER around different topics within business.

## Connect with Libraries and Cultural Resources Support

The general email to contact the Business Library is [library@haskayne.ucalgary.ca](mailto:library@haskayne.ucalgary.ca).

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# Accounting and Finance

## Accounting Principles: A Business Perspective

This textbook uses annual reports of real companies to illustrate many of the accounting concepts in use in business today. Gaining an understanding of accounting terminology and concepts, however, is not enough to ensure your success. You also need to be able to find information on the Internet, analyze various business situations, work effectively as a member of a team, and communicate your ideas clearly. This text was developed to help you develop these skills.

**Includes:** Exercises

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Financial Accounting

This book is intended for an undergraduate or MBA level Financial Accounting course. It covers the standard topics in a standard sequence, utilizing the Socratic method of asking and answering questions.

**Includes:** Exercises, key takeaways

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Financial Empowerment: Personal Finance for Indigenous and Non-Indigenous People [New]

*Financial Empowerment* is designed for a single-semester introduction to financial planning and decision-making, in order to provide first and second-year business students with the necessary financial literacy and skills needed to make sound financial decisions, assess financial risk, and achieve financial success. This textbook attempts to speak to the varied backgrounds, knowledge systems, and experiences of Indigenous and non-Indigenous Canadians by providing Indigenous and non-Indigenous perspectives on personal finance and financial planning using examples and information from the Canadian financial system, economy, and Elders [Description from resource].

**Includes:** Video interviews with Elders, lecture slides.

**Licence:** CC BY-NC-SA 4.0

## Financial Management for Small Businesses: Financial Statements & Present Value

## Models

This book is for those whose financial management focus is on small businesses. For you, we adapt the traditional financial management themes emphasized in corporate financial management courses to meet the needs of small businesses.

**Includes:** Learning objectives, review questions

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Financial Strategy for Public Managers

Coverage includes basic principles of accounting and financial reporting, preparing and analyzing financial statements, cost analysis, and the process and politics of budget preparation.

**Includes:** Case studies

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Information Systems for Business and Beyond

This book introduces the concept of information systems, their use in business, and the larger impact they are having on our world.

**Includes:** Summaries, study questions

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library and eCampusOntario's Open Library

## Intermediate Financial Accounting, Volume 1- 2021A (Lyryx)

This text is intended for a first course in Intermediate Financial Accounting. It presumes that students have already completed one or two Introductory Financial Accounting courses. The book reflects current International Financial Reporting Standards (IFRS), such as IFRS 15 – Revenue from Contracts With Customers. It focuses on more difficult intermediate accounting topics that match prerequisite requirements for students advancing to a second level Intermediate Financial Accounting course. Advanced topics that are covered in Advanced Financial Accounting courses, such as consolidations and foreign exchange, are not included here.

**Includes:** Case studies, exercises, and solutions

**Licence:** CC BY 4.0

**Reviews:** Available for the previous editions through the Open Textbook Library

## Intermediate Financial Accounting: Volume 2 – 2021A (Lyryx)

This text is intended for a first course in Intermediate Financial Accounting. It presumes that students have already completed one or two Introductory Financial Accounting courses. The book reflects current International Financial Reporting Standards (IFRS), such as IFRS 15 – Revenue from Contracts With Customers. It focuses on more difficult intermediate accounting topics that match prerequisite requirements for students advancing to a second level Intermediate Financial Accounting course. Advanced topics that are covered in Advanced Financial Accounting courses, such as consolidations and foreign exchange, are not included here.

**Includes:** Case studies, exercises, and solutions

**Licence:** CC BY 4.0

**Reviews:** Available for the previous editions through the Open Textbook Library

## International Finance: Theory and Policy

This book discusses national economies and international trade.

**Includes:** Exercises, key takeaways

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Financial Accounting, 3rd Edition

This textbook is an adaptation by Athabasca University of the original text written by D. Annand and H. Dauderis. It is intended for use in entry-level college and university courses in financial accounting. A corporate approach is utilized consistently throughout the book. The adapted textbook includes multiple ancillary student and instructor resources. Student aids include solutions to all end-of-chapter questions and problems, and randomly-generated spreadsheet problems that cover key concepts of each chapter. These provide unlimited practice and feedback for students. Instructor aids include an exam bank, lecture slides, and a comprehensive end-of-term case assignment. This requires students to prepare 18 different year-end adjusting entries and all four types of financial statements, and to calculate and analyze 16 different financial statement ratios. Unique versions can be created for any number of individual students or groups.

**Includes:** Case studies, practice problems, solutions manual, and additional resources

**Licence:** CC BY-NC-SA

**Reviews:** Available through the eCampusOntario Open Library

## Liquidity, Markets and Trading in Action

This open access book addresses four standard business school subjects: microeconomics, macroeconomics, finance and information systems as they relate to trading, liquidity, and market structure. It provides a detailed examination of the impact of trading costs and other impediments of trading that the authors call “frictions”. It also presents an interactive simulation model of equity market trading, TraderEx, that enables students to implement trading decisions in different market scenarios and structures.

**Includes:** Instructor resources

**Licence:** CC BY

## Managerial Accounting

This textbook focuses on the essential managerial accounting concepts used within organizations for decision-making purposes in a way that is straightforward and concise.

**Includes:** Exercises, problems, cases, spreadsheets applications, group projects

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Money and Banking

Topics covered in this textbook include money, interest rates, banking, asymmetric information, financial crises and regulation, monetary policy, and monetary theory.

**Includes:** Short cases, exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Personal Finance [New]

*Personal Finance* by Rachel Siegel and Carol Yacht is a comprehensive Personal Finance text which includes a wide range of pedagogical aids to keep students engaged and instructors on track [Description from resource].

**Includes:** Problems, application exercises, links to worksheets.

**Licence:** CC BY-NC-SA

**Reviews:** Available through Open Textbook Library



## Principles of Accounting, Volume 1: Financial Accounting

This OpenStax textbook exposes students to the core concepts of accounting in familiar ways to build a strong foundation that can be applied across business fields.

**Includes:** Instructor resources, student resources, PowerPoint slides, applications, exercises, solutions

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Principles of Accounting, Volume 2: Managerial Accounting

This OpenStax textbook exposes students to the core concepts of accounting in familiar ways to build a strong foundation that can be applied across business fields.

**Includes:** Instructor resources, student resources, PowerPoint slides, applications, exercises, solutions

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Principles of Financial Accounting

This textbook was developed by a professor of accounting at the University of North Georgia. This text utilizes pedagogical approaches, has been successfully adopted, and has been peer reviewed by other accounting faculty.

**Includes:** Student resources, professional development resources, exercises, solutions

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Principles of Managerial Accounting

This textbook on managerial accounting is peer reviewed.

**Includes:** Exercises in-text and for Excel, resources for student professional development.

**Licence:** CC BY-SA 4.0

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# Business Administration

## Accounting in the Finance World (LibreTexts)

This LibreTexts book is intended for an undergraduate or MBA level Financial Accounting course. It covers the standard topics in a standard sequence, utilizing the Socratic method of asking and answering questions.

**Includes:** End of chapter exercises, examples, embedded videos, summaries

**Licence:** CC BY-NC-SA

## Business Communication for Success

*Business Communication for Success* (BCS) provides a comprehensive, integrated approach to the study and application of written and oral business communication to serve both student and professor.

**Includes:** Learning objectives, introductory exercises, key takeaways, in-chapter assignments, and post-chapter assessments

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Business Ethics (OpenStax)

*Business Ethics* by OpenStax is designed to meet the scope and sequence requirements of the single-semester business ethics course. This title includes innovative features designed to enhance student learning, including case studies, application scenarios, and links to video interviews with executives, all of which help instill in students a sense of ethical awareness and responsibility.

**Includes:** Key terms, assessment questions, test bank, slides, D2L course cartridge

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## The Business Ethics Workshop

Ethics is about determining value; it's deciding what's worth doing and what doesn't matter so much. Business ethics is the way we decide what kind of career to pursue, what choices we make on the job, which companies we want to work with, and what kind of economic world we want to live in and then leave behind for those coming after. There

are no perfect answers to these questions, but there's a difference between thinking them through and winging it. This textbook a framework for identifying, analyzing, and resolving ethical dilemmas encountered through working life.

**Includes:** Learning objectives, key takeaways, review questions

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Business Plan Development Guide

This textbook and its accompanying spreadsheet templates were designed with and for students wanting a practical and easy-to-follow guide for developing a business plan. It follows a unique format that both explains what to do and demonstrates how to do it.

**Includes:** Checklist, project planner, templates

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Business Math: A Step-by-Step Handbook (Lyryx)

*Business Mathematics* was written to meet the needs of a twenty-first-century student. It takes a systematic approach to help students learn how to think and centers on a structured process termed the PUPP Model (Plan, Understand, Perform, and Present). This process is found throughout the text and in every guided example to help students develop a step-by-step problem-solving approach.

**Includes:** Excel templates, solutions to cases and exercises, online homework problems, instructor supplements

**Licence:** CC BY-NC-SA

## Communication for Business Professionals, Canadian Edition

This book provides a comprehensive, integrated approach to the study and application of written and oral business communication to serve both student and professor. The text includes a number of features such as learning objectives, exercises, real-world examples, key terms, and post-chapter assessments. This text is adapted from *Business Communication for Success*. This 2018 adaptation has significantly reduced the size and scope of the original publication and added Canadian examples.

**Includes:** Instructor slides, essay questions, and test bank (under Additional Resources)

**Licence:** CC BY-SA

## Developing Organizational Managerial Wisdom, 1st Edition

This book presents the results of novel research into the dynamics of values, rationality, and power in organizations. Through this understanding, readers will gain insights and frameworks with which to understand the actions of others within their environment.

**Includes:** Learning objectives, exercises, key takeaways, and chapter summaries

**Licence:** CC BY-NC-SA

## Fundamentals of Business: Canadian Edition

This textbook was developed by business faculty from Ontario Colleges and from eCampusOntario program managers. It incorporates introductory business topics, from ethics to marketing to entrepreneurship, in a Canadian context. It has received positive faculty reviews.

**Includes:** Embedded quizzes with solutions, test bank, slides, essay questions

**Licence:** CC BY-NC-SA

**Reviews:** Available through the eCampusOntario Open Library

## Fundamentals of Business, 4th Edition [New]

**Fundamentals of Business, fourth edition (2023)** is an 434-page open education resource intended to serve as a no-cost, faculty-customizable primary text for one-semester undergraduate introductory business courses. It covers the following topics in business: Teamwork; economics; ethics; entrepreneurship; business ownership, management, and leadership; organizational structures and operations management; human resources and motivating employees; managing in labor union contexts; marketing and pricing strategy; hospitality and tourism, accounting and finance, personal finances, and technology in business. [Description from resource].

**Includes:** Access to slide deck and test bank.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through Open Textbook Library.

## Fundamentals of Business, 3rd Edition

This textbook is designed as a primary text for one-semester undergraduate introductory business courses. It covers the following topics in business: Teamwork; economics; ethics; entrepreneurship; business ownership, management, and leadership; organizational structures and operations management; human resources and motivating employees; managing in labour union contexts; marketing and pricing strategy; hospitality and tourism, accounting and finance,

and personal finances. The textbook was adapted for use in Virginia Tech's Pamplin College of Business introductory level business course, MGT1104 Foundations of Business.

**Includes:** Learning objectives, exercises, key takeaways

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Good Corporation, Bad Corporation: Corporate Social Responsibility in the Global Economy

This textbook provides an innovative, internationally-oriented approach to the teaching of corporate social responsibility (CSR) and business ethics. Drawing on case studies involving companies and countries around the world, the textbook explores the social, ethical, and business dynamics underlying CSR in such areas as global warming, genetically-modified organisms (GMO) in food production, free trade and fair trade, anti-sweatshop and living-wage movements, organic foods and textiles, ethical marketing practices and codes, corporate speech and lobbying, and social enterprise. The book is designed to encourage students and instructors to challenge their own assumptions and prejudices by stimulating a class debate based on each case study.

**Includes:** Case studies, external resources, exercises, applications, examples

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Human Resource Management

This reviewed open textbook provides the necessary academic background information on human resources management and also presents the material with a practitioner's focus on both large and small businesses.

**Includes:** Exercises, case studies

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library and eCampusOntario Open Library

## Innovation [New]

Innovative and creative thinking is absolutely paramount for organizations to survive in a rapidly changing world. In this course, you will work individually and in teams to THINK ENTREPRENEURIALY and creatively solve a series of challenging and complex problems, as you would in the role of a consultant or professional advisor. You will learn about (and apply) creative problem solving techniques and develop innovative, viable solutions to solve some of our most pressing challenges [Description from resource].

**Licence:** CC BY-NC 4.0

## Introduction to Business (OpenStax)

This OpenStax textbook was developed by a number of business professors from various American institutions. It covers the contents of a traditional introductory business course. Introduction to Business covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student success in this course and beyond.

**Includes:** Key terms, learning outcomes, ethics activities, critical thinking cases

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Business (Lumen Learning)

An Lumen Learning open textbook developed by the State University of New York Open Textbook Project. It incorporates all of the concepts of a traditional introductory course.

**Includes:** Discussion questions, assignments, and instructor resources

**Licence:** CC BY 4.0, unless otherwise noted.

## Introduction to Entrepreneurship [New]

Learn about entrepreneurship and what makes entrepreneurs successful, all while developing your entrepreneurial skills [Description from resource].

**Licence:** CC BY-NC-SA 4.0, unless otherwise noted.

## Introduction to Entrepreneurship (BCcampus Coursepack) [New]

This **first-year course** introduces students to entrepreneurship as an approach to life and to creating their own careers. Through foundational concepts and frameworks, it examines entrepreneurship as a process, including forming an entrepreneurial identity, opportunity creation and evaluation, mobilizing resources, and growth. The course is designed around the major stages in this process, and an overview of factors that are key to entrepreneurial success is provided. The course is divided into four units, each taking 2 to 4 weeks to complete. For the first two units, students are assigned reflection activities that allow them to understand entrepreneurship and begin developing their skills as an entrepreneur. At the end of each unit, students complete an assignment that consolidates learning from the weekly activities. For the final assignment, students create an entrepreneurial plan.

This course has been designed for an 11- to 12-week semester and is aligned with the open textbook *Introduction to*

*Entrepreneurship* by Katherine Carpenter, which features videos with transcripts, interactive H5P activities, and many of the activities included in this course pack [Description from resource].

**Includes:** Assignments, lesson plans.

**Licence:** CC BY 4.0, except where otherwise noted.

## Introduction to Innovation (BCcampus Coursepack) [New]

Innovation, creativity, and adaptability are all critical to success for both organizations and individuals. In fact, innovative and creative thinking are paramount for organizations to survive in a rapidly changing world. In this course, students will learn to productively question the status quo, think creatively about solving challenging and complex problems, and innovate opportunities to create value. They will work individually and in teams to think entrepreneurially and creatively solve a series of challenging and complex problems, as they would in the role of a consultant or professional advisor, as well as, learn about and apply creative problem-solving techniques and develop innovative, viable solutions to solve some of our most pressing challenges. Learning methods include peer reviews, discussions, and assignments focused on defining problems, innovative problem-solving tools, evaluating solutions, and defining success. At the end of the term, each student will “pitch” the recommendations from a consulting project to their managing partner (the instructor) and the potential client (a student panel).

This course has been designed for a 13-week semester and is aligned with the open textbook *Innovation* by Katherine Carpenter [Description from resource].

**Includes:** Discussion prompts, assignments, lesson plans.

**Licence:** CC BY 4.0

## Organizational Behaviour

This text is meant to provide students with the necessary critical thinking skills, vocabulary, and framework to effectively navigate situations that may arise. This version is an adaptation of a former resource provided by a publisher. It includes an “Organizational Behaviour ToolBox” which incorporates an experiential component of understanding the concepts.

**Includes:** Exercises, summaries, references, organizational behaviour toolbox

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Organizational Behaviour (Lumen Learning)

This Lumen Learning course on organizational behaviour is a great introductory resource. It covers concepts in organizational behaviour, from demographic and cultural diversity to power and politics.



**Includes:** Sample assignments, optional exercises, case studies

**Licence:** CC BY-NC-SA

## Organizational Behavior (OpenStax)

This OpenStax resource aligns to introductory courses in Organizational Behavior. The text presents the theory, concepts, and applications with particular emphasis on the impact that individuals and groups can have on organizational performance and culture. An array of recurring features engages students in entrepreneurial thinking, managing change, using tools/technology, and responsible management.

**Includes:** Videos, D2L course cartridge, annotated video guide, test bank, critical thinking cases, exercises, key terms, chapter review questions

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Principles of Management

This textbook is designed to meet the scope and sequence requirements of the introductory course on management. This is a traditional approach to management using the leading, planning, organizing, and controlling approach. Management is a broad business discipline, and the *Principles of Management* course covers many management areas such as human resource management and strategic management, as well behavioural areas such as motivation.

**Includes:** Key terms, learning outcomes, chapter review questions, managerial decision exercises, managerial skills application exercises, critical thinking cases, D2L course cartridge, slides, videos

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Principles of Management (LibreTexts)

This textbook teaches management principles to tomorrow's business leaders by weaving three threads through every chapter: strategy, entrepreneurship, and active leadership.

**Includes:** Learning objectives, discussion questions, exercises

**Licence:** CC BY-NC-SA

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# Marketing

## Growth and Competitive Strategy in 3 Circles

The 3-Circle model was developed over the past several years, initially in strategic planning for a university graduate program and in an executive MBA course designed to integrate the concepts of marketing and competitive strategy.

**Includes:** Chapter summaries

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Introducing Marketing

This PDF text introduces students to the marketing strategies and tools that practitioners use to market their products.

**Includes:** Questions, key terms, projects, case studies

**Licence:** CC BY 3.0

**Reviews:** Available through the Open Textbook Library

## Introduction to Consumer Behaviour

This textbook was developed at Kwantlen Polytechnic University in BC, intended for undergraduate marketing and business students.

**Includes:** Ancillary resources, key terms, chapter reflections, glossary

**Licence:** CC BY-NC-SA

## An Open Guide to Integrated Marketing Communications (IMC) [New]

The how-to guide for building marketing campaigns for non-profits, activists, and advocates.

The Open Guide to Integrated Marketing Communications is an OER that was written and edited by KPU students in 2020. It covers a range of topics related to designing and launching integrated marketing campaigns, such as research, audience segmentation, creative briefs, content calendars, and more. The authors have also included reusable materials and templates to support the marketing and communications efforts of those organizations with the smallest of budgets and most limited resources, namely not-for-profit organizations, NGO's, charities, advocacy groups, and climate & social

activists. The Open Guide to IMC is centred around the United Nations' 17 Sustainable Development Goals and created as an inclusive, equitable, and accessible resource to support quality education [Description from resource].

**Includes:** glossary, “text your knowledge” activities, templates

**Licence:** CC BY-NC-SA

## Open Textbook Library’s Marketing Collection

This collection is a list of marketing textbooks used in multiple institutions.

**Licence:** Please see the individual textbooks for their licensing details.

## Principles of Marketing (University of Minnesota Libraries)

This textbook teaches the language and process of marketing.

**Includes:** Learning objectives, key takeaways, review questions, test bank can be requested

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Principles of Marketing (OpenStax) [New]

*Principles of Marketing* is designed to meet the scope and sequence for a one-semester marketing course for undergraduate business majors and minors. *Principles of Marketing* provides a solid grounding in the core concepts and frameworks of marketing theory and analysis so that business students interested in a major or minor in marketing will also be prepared for more rigorous, upper-level elective courses. [Description from resource].

**Includes:** Instructor test bank and slides.

**Licence:** CC BY

## The Power of Selling

The textbook teaches sales strategies.

**Includes:** Review and practice, videos

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## Visuals for Influence: In Project Management and Beyond

This textbook teaches students how to use visualizations.

**Includes:** Visual archetypes

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

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# Operations and Supply Chain Management

## Beyond Lean: Simulation in Practice, 2nd Edition

Lean thinking, as well as associated processes and tools, have involved into a ubiquitous perspective for improving systems particularly in the manufacturing arena. With application experience has come an understanding of the boundaries of lean capabilities and the benefits of getting beyond these boundaries to further improve performance. Discrete event simulation is recognized as one beyond-the-boundaries of lean technique. Thus, the fundamental goal of this text is to show how discrete event simulation can be used in addition to lean thinking to achieve greater benefits in system improvement than with lean alone. Realizing this goal requires learning the problems that simulation solves as well as the methods required to solve them. The problems that simulation solves are captured in a collection of case studies. These studies serve as metaphors for industrial problems that are commonly addressed using lean and simulation.

**Includes:** Summary, problems, questions for discussion, active learning exercises, case studies

**Licence:** CC BY-NC-SA 3.0

**Reviews:** Available through the Open Textbook Library

## The Cost of Being Landlocked: Logistics Costs and Supply Chain Reliability

This open access book proposes a revised approach to tackling the cost of being landlocked and a new analytical framework which uses a microeconomic approach to assess the trade and macroeconomic impacts of logistics. It argues that: (i) exporters and importers in landlocked developing countries face high logistics costs, which are highly detrimental to their competitiveness in world markets, (ii) high logistics costs depend on low logistics reliability and predictability, and (iii) low logistics reliability and predictability result mostly from rent-seeking and governance issues (prone to proliferate in low volume environments).

**Licence:** CC BY

## Inventory Analytics

Inventory Analytics provides an introduction to the theory and practice of inventory control. The book outlines the foundations of inventory systems and surveys prescriptive analytics models for deterministic inventory control. It further discusses predictive analytics techniques for demand forecasting in inventory control and also examines prescriptive analytics models for stochastic inventory control.

**Licence:** CC BY

## Next Generation Supply Chains: A Roadmap for Research and Innovation

Part One of this open access text focuses on the identification of the trends and related industrial scenarios for the next decade and the analysis of the implications for the Supply Chain (SC) processes and the consequent challenges. Part Two identifies the enabling technologies for SCs. Finally, Part Three presents the roadmap for future SCs proposing 10 SCs strategies and the related research and innovation priorities for the full integration of the production and distribution processes; moreover, in this part policy recommendations are provided to support companies facing cross-sectorial and horizontal issues through suitable policy actions.

**Licence:** CC BY

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# SCHOOL OF ARCHITECTURE, PLANNING AND LANDSCAPE

## Faculty Organization in *OER by Discipline Guide*

As departments are not visible on the School of Architecture, Planning, and Landscape's website, this faculty has been organized by subject originating from the adapted *OER by Discipline Guide* by UManitoba.

Individual Open Educational Resources (OER) are organized alphabetically by title.

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# Architecture

## Basic Concepts of Structural Design for Architecture Students

This book narrates fundamental concepts of structural design such that they have minimum involvement with math problem-solving. It covers different types of loads, forces and vector addition, the concept of equilibrium, internal forces, geometrical and material properties of structural elements, and rules of thumb for estimating the proportion of some structural systems such as catenary cables and arches, trusses, and frame structures.

**Includes:** Video links, topics for critical thinking

**Licence:** CC BY-NC 4.0

## Better by Design? Architecture, Urban Planning, and the Good City

This open access book explores the intellectual roots of the design professions, showing how architects, planners, and other designers have traditionally interpreted their roles and implemented their ideas in cities across North America and the UK.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Interior Materiality

This book forms a comprehensive resource for the “hows” and “whys” surrounding the functional and aesthetic contributions of a wide selection of materials and finishes used in multiple spatial design contexts.

**Includes:** Video links

**Licence:** CC BY-NC

## Modernity and Housing

Peter Rowe explores the social, cultural, and expressive history of housing at two crucial moments: the first large-scale developments along modernist lines in the 1920s, and the widespread reconsideration of modernist principles in the 1970s.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Nature of Geographic Information

The purpose of this text is to promote understanding of the Geographic Information Science and Technology enterprise.

**Includes:** Activities

**Licence:** CC BY-NC-SA

**Reviews:** Available through Campus Manitoba

## Spatial Thinking in Planning Practice: An Introduction to GIS

The goals of this textbook are to help students acquire the technical skills of using software and managing a database, and develop research skills of collecting data, analyzing information and presenting results.

**Licence:** CC BY-NC 4.0

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# Environmental Design

## Community Resilience to Climate Change: Theory, Research and Practice

This book is meant to accompany a graduate or upper-level undergraduate class in climate change resilience, adaptation, and/or planning.

**Includes:** Reading lists, student exercises and classroom activities

**Licence:** CC BY-NC 4.0

## Introduction to Design Equity

This book maps design processes and products against equity research to highlight the pitfalls and potentials of design as a tool for building social justice.

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

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# Landscape Architecture

## Advances in Landscape Architecture

This edited open access volume contains chapters on recent developments in studies of landscape architecture.

**Licence:** CC BY 3.0

## Introduction to Permaculture

This open text book is derived from the content of the Massive Open Online Course “Intro to Permaculture”. The original course also included interactive mapping and design tools that accompanied this content. The course and book provide a general overview of the Permaculture design system.

**Includes:** Videos

**Licence:** CC BY-NC

## Nature of Geographic Information

The purpose of this text is to promote understanding of the Geographic Information Science and Technology enterprise.

**Includes:** Activities

**Licence:** CC BY-NC

**Reviews:** Available through Campus Manitoba

## Permaculture Design: Tools for Climate Resilience

This book is predominantly about climate, and the macro influences of climate and climate change on design.

**Includes:** Appendices

**Licence:** CC BY-NC

## The Politics of Park Design: A History of Urban Parks in America

Galen Cranz surveys the rise of the park system from 1850 to the present through 4 stages – the pleasure ground, the reform park, the recreation facility and the open space system. Looking at both their physical design and social purpose,

Cranz argues that city parks have become an instrument of social policy with the potential for reflecting and serving social values.

**Licence:** CC BY-NC-ND (Note: This is an open access text which restricts remixing and adapting).

## Spatial Thinking in Planning Practice: An Introduction to GIS

The goals of this textbook are to help students acquire the technical skills of using software and managing a database, and develop research skills of collecting data, analyzing information and presenting results.

**Includes:** Discussion questions, conceptual applications

**Licence:** CC BY-NC 4.0

## Sustainability: A Comprehensive Foundation

This textbook is aimed at first- and second-year students. As sustainability is a multi-disciplinary area of study, the text is the product of multiple authors drawn from the diverse faculty of the University of Illinois: each chapter is written by a recognized expert in the field.

**Includes:** Case studies, review questions

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

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### **Already using an OER? Have you adapted or created an OER?**

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# Planning

## Better by Design? Architecture, Urban Planning, and the Good City

This open access book explores the intellectual roots of the design professions, showing how architects, planners, and other designers have traditionally interpreted their roles and implemented their ideas in cities across North America and the UK.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Fundamentals of Infrastructure Management

The text draws examples and discusses a wide variety of infrastructure systems, including roadways, telecommunications, power generation, buildings and systems of infrastructure.

**Includes:** Problem assignments

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Geographic Information System Basics

This book integrates key concepts behind the technology with practical concerns and real-world applications.

**Includes:** Key takeaways, exercises

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through Campus Manitoba

## Introduction to Design Equity

This book maps design processes and products against equity research to highlight the pitfalls and potentials of design as a tool for building social justice.

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Making A Middle Landscape

Today's suburban metropolitan development of single-family homes, shopping centers, corporate offices, and roadway systems constitute what Peter Rowe calls a "middle landscape" between the city and the country. Looking closely at suburban America in terms of design and physical planning, Rowe builds a case for a new way of seeing and building suburbia-complete with theoretical underpinnings and a basis for design.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Nature of Geographic Information

The purpose of this text is to promote understanding of the Geographic Information Science and Technology enterprise.

**Includes:** Activities

**Licence:** CC BY-NC-SA

**Reviews:** Available through Campus Manitoba

## Spatial Thinking in Planning Practice: An Introduction to GIS

The goals of this textbook are to help students acquire the technical skills of using software and managing a database, and develop research skills of collecting data, analyzing information and presenting results.

**Includes:** Discussion questions, conceptual applications

**Licence:** CC BY-NC 4.0

## Traffic Flow Theory: An introduction with exercises

This book introduces traffic flow theory.

**Includes:** Problem sets and answers, Matlab code

**Licence:** CC BY-NC-SA

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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# SCHULICH SCHOOL OF ENGINEERING

## Faculty Organization in *OER by Discipline Guide*

The Schulich School of Engineering has been organized according to the departments listed on the faculty website, then by any relevant sub-department or subject.

Individual Open Educational Resources (OER) are organized alphabetically by title.

## Suggested Repositories For Engineering

Open Textbooks for Engineering Library Guide: Authored by the Engineering Library Division for the American Society for Engineering Education, this Library Guide provides curated lists of suggested open textbooks relevant to various areas of focus within engineering.

## Connect with Libraries and Cultural Resources Support

The general email to contact the Gallagher Library is [gallagher@ucalgary.libanswers.com](mailto:gallagher@ucalgary.libanswers.com).

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# Department of Biomedical Engineering

## Undergraduate Diagnostic Imaging Fundamentals

Diagnostic Imaging principles and concepts are augmented by the presentation of images for common clinical conditions. Guiding principles related to minimizing radiation exposure and requesting the most appropriate imaging examination are addressed. Static images are enhanced by the ability to access images stored and displayed on an Html-5 compatible, Dicom image viewer that simulates a simple Picture Archive and Communication system (PACS). Users can also access other imaging from the Dicom viewer (ODIN), beyond the basic curriculum provided, to further advance their experience with viewing diagnostic imaging pathologies.

**Licence:** CC BY-NC-SA 4.0

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# Department of Chemical & Petroleum Engineering

## Chemical Engineering

### Chemical Engineering Separations: A Handbook for Students

This handbook is intended for use by undergraduate students who are taking a course in chemical engineering separations. It assumes that students have taken one or two semesters of chemical engineering thermodynamics, one semester of heat and mass transfer, and one semester of computational methods for chemical engineering.

**Licence:** CC BY-NC

### Inorganic Chemistry for Chemical Engineers

This textbook has been specifically adapted for CHEM 250, an interdisciplinary inorganic chemistry course at UBC-V, for Chemical Engineering students. The main objective of this book is to introduce students to the basic principles of inorganic chemistry and link them with current applications relevant to a chemical engineer.

**Licence:** CC BY

### Learn ChemE

LearnChemE features chemical engineering education resources produced by the Department of Chemical and Biological Engineering at the University of Colorado Boulder (CU). These all inclusive digital OneNote notebook files containing class notes, ConcepTests, pre-class assignments, recommended screencasts and simulations, homework problems, sample exams and resources about active learning methods.

**Licence:** CC BY-SA

### Phase Relations

This open textbook provides an overview of the central role that phase behaviour plays in the petroleum extraction processes. Readers should be able to describe, in concrete terms, how knowledge of fluid phase behaviour impacts specific aspects of the process design and/or operations.

**Includes:** diagrams, problem sets.

**Licence:** CC BY

# Energy Engineering

## Direct Energy

Direct Energy Conversion discusses both the physics behind energy conversion processes and a wide variety of energy conversion devices. A direct energy conversion process converts one form of energy to another through a single process. The first half of this book surveys multiple devices that convert to or from electricity including piezoelectric devices, antennas, solar cells, light emitting diodes, lasers, thermoelectric devices, and batteries. In these chapters, physical effects are discussed, terminology used by engineers in the discipline is introduced, and insights into material selection is studied. The second part of this book puts concepts of energy conversion in a more abstract framework. These chapters introduce the idea of calculus of variations and illuminate relationships between energy conversion processes.

**Licence:** CC BY-NC 4.0

## Future Energy: Opportunities & Challenges

How can we produce enough sustainable energy while avoiding unacceptable environmental consequences? To evaluate the various energy options, we must understand the science of each potential energy source and energy use technology. This book presents the science in an easy-to-understand way to enable readers to make informed decisions about what is possible and practical, and to choose lifestyle options to implement in their personal lives (Description from resource).

**Licence:** CC BY 4.0

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# Department of Civil Engineering

## AutoCAD 2D eBook

The AutoCAD 2D eBook was written as a tool to guide and teach you to master AutoCAD. No two students learn at the same pace, therefore the eBook was written with competency-based modules. The competency-based modules are bite-size pieces that allow you to work at your own pace. They can be used to learn by distance education, correspondence, online, instructor-led classes, or by individuals teaching themselves to use AutoCAD in their own home or office. This eBook was designed to be used on AutoCAD software that was designed for the Windows operating system.

**Includes:** Competency labs, templates, and AutoCAD files for exercises

**Licence:** CC BY 4.0

## AutoCAD 3D eBook

The AutoCAD 3D eBook was written as a tool to guide and teach you to master AutoCAD. No two students learn at the same pace, therefore the eBooks were written with competency-based modules. The competency-based modules are bite-size pieces that allows you to work at your own pace. They can be used to learn by distance education, correspondence, online, instructor-led classes, or by individuals teaching themselves to use AutoCAD in their own home or office. This eBook was designed to be used on AutoCAD software that was designed for the Windows operating system

**Includes:** Competency labs, templates, and AutoCAD files for exercises

**Licence:** CC BY 4.0

## Basics of Fluid Mechanics

The textbook describes the fundamentals of fluid mechanics phenomena for engineers and others.

**Includes:** Examples and questions

**Licence:** Free Documentation License (GNU) and CC BY 3.0

**Reviews:** Available through the Open Textbook Library

## Coastal Dynamics

This textbook on Coastal Dynamics focuses on the interrelation between physical wave, flow and sediment transport phenomena and the resulting morphodynamics of a wide variety of coastal systems. The textbook is unique in that

it explicitly connects the dynamics of open coasts and tidal basins; not only is the interaction between open coasts and tidal basins of basic importance for the evolution of most coastal systems, but describing the similarities between their physical processes is highly instructive as well. This textbook emphasizes these similarities to the benefit of understanding shared processes such as nonlinearities in flow and sediment transport. Some prior knowledge with respect to the dynamics of flow, waves and sediment transport is recommended.

**Licence:** CC BY-NC-SA 4.0

## Introduction to Biosystems Engineering

*Introduction to Biosystems Engineering* can be used as a customizable text for university-level introductory courses in Biosystems Engineering. Written by an international team of authors, the book is divided into six sections aligned with technical communities within Biosystems Engineering: Energy Systems; Information Technology, Sensors, and Control Systems; Machinery Systems; Natural Resources and Environmental Systems; Plant, Animal, and Facility Systems; and Processing Systems. Within the sections, individual chapters focus on discrete topics that can be covered in one week of class. Each chapter contains the expected learning outcomes, key concepts, applications of the concepts, and worked examples.

**Includes:** Key terms, outcomes, and examples

**Licence:** CC BY 4.0

## Structural Analysis

This open access text is intended to teach students the methods and techniques for the analysis of structures. This textbook is composed of three parts. The first part consists of an overview of structural analysis and introduces several structural loadings that may be considered during the analysis and subsequent design of structures. The second part covers classic methods of the analysis of determinate structures. The final section discusses classic methods for the analysis of indeterminate structures as well as methods for the analysis and construction of influence lines for indeterminate structures.

**Includes:** Examples, practice problems, images.

**Licence:** CC BY-NC-ND (Note: This is an open access text which restricts remixing and adapting).

## Traffic Flow Theory: An Introduction with Exercises

Traffic processes cause several problems in the world. Traffic delay, pollution are some of it. They can be solved with the right road design or traffic management (control) measure. Before implementing these designs of measures, though, their effect could be tested. To this end, knowledge of traffic flow theory is needed.

**Includes:** Test questions

**Licence:** CC BY-NC-SA 4.0

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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# Department of Electrical & Software Engineering

## Electrical Engineering

### All About Circuits

This free electrical engineering textbook provides a series of volumes covering electricity and electronics. The information provided is great for students, makers, and professionals who are looking to refresh or expand their knowledge in this field.

**Licence:** GNU Design Science License

### Continuous-Time Signals and Systems

This textbook covers continuous-time signals and systems at an introductory level appropriate for undergraduate students. This textbook has been used by the author at the University of Victoria to teach a number of undergraduate courses on continuous-time signals and systems.

**Includes:** accompanying lecture slides.

**Licence:** CC BY-NC-ND 3.0 (Note: This is an open access text which restricts remixing and adapting).

### Digital Circuit Projects: An Overview of Digital Circuits Through Implementing Integrated Circuits

Digital circuits, often called Integrated Circuits or ICs, are the central building blocks of a Central Processing Unit (CPU). To understand how a computer works, it is essential to understand the digital circuits which make up the CPU. This text introduces the most important of these digital circuits; adders, decoders, multiplexers, D flip-flops, and simple state machines.

**Licence:** CC BY 4.0

## Electrical Engineering

An online electrical engineering textbook made available by LibreTexts.

**Licence:** CC BY



## Exploring Microcontrollers

A website looking at microcontrollers.

**Licence:** CC BY-NC-SA 3.0

## Public Domain Books Relating to Instrumentation

Although these textbooks are quite old, and some of the techniques described therein obsolete, these texts hold much practical value to the modern technician and engineer of instrumentation.

**Licence:** Listed resources are in the Public Domain.

## Software Engineering

### A Brief Introduction to Engineering Computation with MATLAB

Specifically designed for students with no programming experience, the strategic goal of the course and book is to provide learners with an appreciation for the role computation plays in solving engineering problems.

**Includes:** study guide, problem sets.

**Licence:** CC BY

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# Department of Geomatics Engineering

## Geospatial Technology Learning Resources

A collection of resources relating to geospatial technology.

**Licence:** Various CC licences

## Introduction to Geomatics

This textbook was developed as a supplement to Introduction to Geomatics (GEOG 222) at the University of Saskatchewan. The content is a mix of original content (95% to 100% of the text and most of the images) created by Professor Scott Bell while other material comes from attributed sources (attribution is included at the beginning of a chapter or section, or for the note taking guide, on each slide or at the culmination of a series of slides)

**Licence:** CC BY-SA

## Mapping, Society, and Technology

Learn how to read, use, and create maps and along the way explore how maps reflect the relationship between society and technology. Mapping is an essential form of scientific and artistic inquiry as well as a trillion dollar business. People, companies, and governments use and misuse maps and map technology to tell stories, save lives, rig elections, and spy on you.

**Licence:** CC BY-NC

## Open Geography Education

This website is dedicated to providing free or open curriculum and resources to anybody who is interested in our geographic world, including geography and geospatial resources.

**Includes:** links to open textbooks, map assignments, and online resources.

**Licence:** CC BY

## OpenStreetMap

OpenStreetMap is built by a community of mappers that contribute and maintain data about roads, trails, cafés, railway stations, and much more, all over the world.

**Licence:** ODbL/CC BY-SA

## A Practical Guide to Introductory Geology

A comprehensive laboratory manual covering the physical aspects of geology, including rocks and minerals, plate tectonics, streams, structural geology, and much more. This manual has a strong emphasis on examples from western Canada, especially Alberta and British Columbia, and includes a diverse set of exercises.

**Licence:** CC BY

## SOILx

An information service for soil types and soil sites across Canada. SOILx enables you to search spatially its database of soil sites and view detailed information on each one.

**Licence:** CC BY

## United States Map Gallery

The maps in this collection draw from data from the U.S. Census Bureau and reveal much about the settlement and subsequent migrations of many groups in the United States. These maps also show the socio-economic picture for much of the country, at least through the lens of topics like education, poverty, life expectancy, and household size. Developed primarily for use in my American Ethnic Geography course (GEO 200), this map collection demonstrates that diversity and regionalism are alive and well in the United States.

**Licence:** CC BY-NC-SA

## U.S. Geological Survey

Real-time or near real-time data and information on current conditions and earth observations.

**Licence:** Public Domain

## Worldmapper

Worldmapper is a collection of world maps called cartograms, where territories are re-sized on each map according to the subject of interest.

**Licence:** CC BY-NC-SA

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# Department of Mechanical & Manufacturing Engineering

## Mechanical Engineering

### All Things Flow: Fluid Mechanics for the Natural Sciences

The textbook covers fundamentals of basic flow processes, emphasizing on vortices, waves and hydraulic jumps.

**Includes:** Exercises

**Licence:** CC BY-NC 4.0

### Applied Strength of Materials for Engineering Technology [PDF]

This algebra-based text is designed specifically for Engineering Technology students, using both SI and US Customary units. All example problems are fully worked out with unit conversions. Updated each semester using student comments, with an average of 80 changes per edition.

**Includes:** Appendices

**Licence:** CC BY-SA 4.0

### Basic Engineering Science: A Systems, Accounting, and Modeling Approach

This textbook is based on a paradigm that emphasizes the common, underlying concepts of engineering science. By focusing on the underlying concepts and stressing the similarities between subjects that are often taught as unconnected topics, this approach provides engineering students a foundational framework for recognizing and building connections as they travel through their education.

**Includes:** Problems, practice questions.

**Licence:** CC BY-NC-SA 4.0

### Engineering Mechanics for Structures

This text available within MIT OpenCourseWare's Solid Mechanics course explores the mechanics of solids and statics as well as the strength of materials and elasticity theory. In addition to introducing the fundamentals of structural analysis,

it combines and applies important concepts in engineering mechanics. Its many design exercises encourage creative student initiative and systems thinking.

**Licence:** CC BY-NC-SA 4.0

## Engineering Statics: Open and Interactive

This peer reviewed textbook was originally written for an Engineering Mechanics statistics course.

**Includes:** Exercises, interactive figures, key questions, appendices

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Intermediate Fluid Mechanics

This book builds on introductory fluid mechanics. It is not meant to be an in-depth study of potential flow or viscous flow, but is meant to expose students to additional analysis techniques for both of these categories of flows.

**Licence:** CC BY-NC-SA

## Introduction to Linear, Time-Invariant, Dynamic Systems for Students of Engineering

The textbook covers the dynamic behaviour of physical systems, with some emphasis on simple mechanical and electrical systems representative of or analogous to those often encountered in aerospace and mechanical engineering.

**Includes:** Homework problems

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Mechanics for Applied Science (BCcampus Coursepack) [New]

This is a first-year course in engineering mechanics intended for students pursuing a degree in engineering. Topics include two-dimensional and three-dimensional force systems, moments of a force, equations of equilibrium, truss analysis, machines, internal forces, friction, and particle kinematics.

This course pack contains 23 modules. Each module has a lesson plan, a problem sheet, and an activity sheet with a completed example. The syllabus in this course pack details a potential course schedule and recommended readings from two different textbooks: a common commercial textbook and an open textbook with similar content. Assessments in this course pack include two midterm exams and a final exam. In addition, some modules have shorter tests. Several associated instructor resources are available, such as a link to a collection of openly licensed physics diagrams and

graphics in the course overview section. While many of these images are used in course content already, instructors are encouraged to browse this collection and use these images to create their own problems. [Description from resource].

**Includes:** Lesson plans, problem sheets, activity sheets, exams, instructor resources.

**Licence:** CC BY

## MERLOT Mechanical Engineering

MERLOT indexes OER from many other sources. Their Mechanical Engineering category includes a variety of material types, including textbooks.

**Licence:** Please refer to individual resources for their licensing terms.

## The Primacy of the Public

This short text is on engineering ethics.

**Includes:** Reflection questions, key themes

**Licence:** CC BY-NC

## Open Textbook Library Mechanical Engineering Subject Collection

The Open Textbook Library gathers major open textbooks from other sources, with clear criteria as to what is included. This list contains materials identified as related to mechanical engineering.

**Licence:** Please refer to the individual textbook licenses.

## Simulation Modeling and Arena, 3rd Edition

Discrete-event simulation is an important tool for the modeling of complex systems. Simulation is used to represent manufacturing, transportation, and service systems in a computer program to perform experiments on a computer. Simulation modeling involves elements of system modeling, computer programming, probability and statistics, and engineering design. Simulation Modeling and Arena, by Dr. Manuel Rossetti, is an introductory textbook for a first course in discrete-event simulation modeling and analysis for upper-level undergraduate students as well as entering graduate students. The text is focused on engineering students (primarily industrial engineering); however, the text is also appropriate for advanced business majors, computer science majors, and other disciplines where simulation is practiced. Practitioners interested in learning simulation and Arena could also use this book independently of a course.

**Includes:** Examples, summaries, exercises

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Strength of Materials Supplement for Power Engineering

This work complements the Applied Strength of Materials for Engineering Technology by Barry Dupen and is used in teaching Strength of Materials to Power Engineering students at the British Columbia Institute of Technology.

**Includes:** Problems and answers

**Licence:** CC BY

## Manufacturing Engineering

### Simulation Modeling and Arena, 3rd Edition

Discrete-event simulation is an important tool for the modeling of complex systems. Simulation is used to represent manufacturing, transportation, and service systems in a computer program to perform experiments on a computer. Simulation modeling involves elements of system modeling, computer programming, probability and statistics, and engineering design. Simulation Modeling and Arena, by Dr. Manuel Rossetti, is an introductory textbook for a first course in discrete-event simulation modeling and analysis for upper-level undergraduate students as well as entering graduate students. The text is focused on engineering students (primarily industrial engineering); however, the text is also appropriate for advanced business majors, computer science majors, and other disciplines where simulation is practiced. Practitioners interested in learning simulation and Arena could also use this book independently of a course.

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## Energy Engineering

### Direct Energy

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**Licence:** CC BY-NC 4.0



## Future Energy: Opportunities & Challenges

How can we produce enough sustainable energy while avoiding unacceptable environmental consequences? To evaluate the various energy options, we must understand the science of each potential energy source and energy use technology. This book presents the science in an easy-to-understand way to enable readers to make informed decisions about what is possible and practical, and to choose lifestyle options to implement in their personal lives (Description from resource).

**Licence:** CC BY 4.0

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# WERKLUND SCHOOL OF EDUCATION

## Faculty Organization in *OER by Discipline Guide*

The Werklund School of Education is organized according to the relevant subject, learning, and research areas within Education. They were identified through the faculty website, subjects listed in other similar guides, and in consultation with subject librarians in Education.

Individual Open Educational Resources (OER) are organized alphabetically by title.

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# Education

## Education (General)

### Academic Integrity

An interactive approach to conveying the values of academic integrity, clarifying the meaning of plagiarism, and introducing the basics of citations, quoting and paraphrasing.

**Licence:** CC BY-NC-SA

### Embracing the Challenges of Personalisation in Mass Higher Education

This book is designed to challenge your thinking about current and future practices of personalization in mass higher education. The OER is embedded in the context of digital futures for learning.

**Licence:** CC BY-SA

### Every Teacher is a Language Teacher

This book disseminates practices shared at the annual event Every Teacher is a Language Teacher held at the Faculty of Education (uOttawa) for all first-year Bachelor of Education teacher candidates. For the past two years, the Second Language Education cohort (cL2c) has organized a day of workshops embodying both language learning theory and practical methods and strategies that teacher candidates can immediately implement in their classrooms. This resource responds directly to calls from attendees for a resource that synthesizes the content shared at each workshop, enabling them to access and implement the rich pedagogical knowledge shared. The book is meant to serve as a textbook for Teacher Education courses, graduate courses, as well as an ongoing promotion of research-based practices created by Faculty of Education partners (faculty and graduate students alike) that should be shared more widely with Canadian language educators, teachers and consultants, particularly in its bilingual format. This publication is unique and particularly useful to both pre- and in-service teachers, as it offers modes of practice based on both research and theory. This means it is neither exclusively a lesson plan nor a theoretical analysis; but rather a synthesis that aims to show how the two domains inform one another. We see it as being immediately valuable for teacher and teacher educators, while also filling a gap in the field of language education more widely — one that embodies anti-racist, ethical paradigms within current interdisciplinary practice in its responsiveness to challenges of modern technology and globalization.

**Includes:** Appendices

**Licence:** CC BY-NC-SA 4.0

## The Evolution of Affordable Content Efforts in Higher Education Environments: Programs, Case Studies, and Examples

This book provides both inspiration and guidance for those beginning work on affordable content and evidence of the growth that has occurred in this arena over the last decade.

**Licence:** CC BY

## Foundations of Education and Instructional Assessment

This book is the newest iteration of a project that began way back in the Fall of 2006. This book was written, read, and studied by Undergraduate college students enrolled in their first education course. We hope you enjoy the new content and the creative ways in which that content is presented.

**Licence:** CC BY-SA 4.0

## Good Practices Guide

Published by the American Philosophical Association (APA), this document, over 90 pages long, contains sections on interviewing and hiring, teaching and supervising students, professional development of faculty and students, communication, social events, bias and discrimination, and mental health.

**Licence:** CC BY-NC-SA

## Introduction to Education (BETA)

This book was written to provide students with an introduction to the field of education. The book is broken into chapters that focus on questions students may have about education in general. Although some chapters may go into more depth than others, this is created as an introductory text.

**Licence:** CC BY-SA

## Literature Reviews for Education and Nursing Graduate Students

This open textbook is designed for students in graduate-level nursing and education programs. From developing a research question to locating and evaluating sources to writing a sample literature review using appropriate publication guidelines, readers will be guided through the process.

**Licence:** CC BY 4.0

## Music and the Child

Children are inherently musical. They respond to music and learn through music. Music expresses children's identity and heritage, teaches them to belong to a culture, and develops their cognitive well-being and inner self worth. As professional instructors, childcare workers, or students looking forward to a career working with children, we should continuously search for ways to tap into children's natural reservoir of enthusiasm for singing, moving and experimenting with instruments. But how, you might ask? What music is appropriate for the children I'm working with? How can music help inspire a well-rounded child? How do I reach and teach children musically? Most importantly perhaps, how can I incorporate music into a curriculum that marginalizes the arts?

This book explores a holistic, artistic, and integrated approach to understanding the developmental connections between music and children. This book guides professionals to work through music, harnessing the processes that underlie music learning, and outlining developmentally appropriate methods to understand the role of music in children's lives through play, games, creativity, and movement. Additionally, the book explores ways of applying music-making to benefit the whole child, i.e., socially, emotionally, physically, cognitively, and linguistically.

**Includes:** Activities, resources, glossary

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Observation and Assessment in Early Childhood Education

This text focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed.

**Licence:** CC BY 4.0

## On Assessment: An Exploration of Emerging Approaches

This textbook was written for the elective course—*Special Topics in Assessment*—that explores the “why” of assessments and how to make them more meaningful for students and teachers. It is based upon five foundational — and assessment-related — concepts. These are: **being curious** (demonstrated by working through critical pedagogy), **embracing the open** (achieved through an exploration of open pedagogy), **exercising choice** (exercised through inquiry-based learning), **being brave** (harnessing what Amy Collier and Jen Ross (2015) have described as the concept of “not-yetness”) and **awareness** (expressed through the process of critical reflection).

**Licence:** CC BY-NC

## SDG Toolkit for Canadian Colleges and Institutes

This guide identifies emerging practices in post-secondary settings across Canada that integrate the SDGs explicitly

and curates a selection of these into an Open Educational Resource (OER) toolkit and guide to the SDGs for Canadian colleges and institutes.

**Licence:** CC BY-NC-SA

## Trauma-Informed School Practices: Building Expertise to Transform Schools

This text is designed to support educators in the development of trauma informed competencies required to transition to a trauma-informed educational environment. The principles informing Trauma-Informed School Practices (TISP) are detailed in Section I, “Foundational Principles.” It begins with an overview of the struggles facing students and educators, grounded in the reality that many students experience unmitigated stress and trauma, and this has undermined their ability to be successful in the school environment.

**Includes:** Case examples, exercises, worksheets

**Licence:** CC BY-NC-SA

## UBC Open Case Studies

Click on “Education” in the top toolbar. These case studies offer a student-centred approach to learning that asks students to identify, explore, and provide solutions to real-world problems by focusing on case-specific examples. This approach simulates real-life practice in sustainability education in that it illuminates the ongoing complexity of the problems being addressed.

**Licence:** CC BY

## Understanding Canadian Schools: An Introduction to Educational Administration, 6th Edition

The purpose of this book, developed at the University of Saskatchewan, is to help readers understand the different ways in which pre-Kindergarten to Grade 12 education is organized under provincial jurisdiction in Canada.

**Includes:** Statistics, examples, exercises

**Licence:** CC BY-NC-SA

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**No suggested OER currently available for the following subjects:**

- Curriculum and Learning: Critical Approaches and Theories
- Educational Leadership
- Educational Policy Studies
- Educational Psychology

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Elementary and Secondary Education

## Elementary Education

### Arts Integration in Elementary Curriculum: 2nd Edition

This textbook covers arts integration, music, visual arts, literary arts, performing arts, and physical education and movement.

**Includes:** Suggested activities and technology, sample lesson plans, lecture slides

**Licence:** CC BY-NC-SA 4.0

### Elementary Earth and Space Science Methods

Though this text from the University of Iowa focuses on their curriculum standards, local instructors may appreciate the organization of the textbook, as well as ideas covered.

**Includes:** Vocabulary, reflections, lesson plans

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

### Future Teachers Storytelling [New]

This is the second entry in the Humanizing Science through STEM and the Arts (STEAM) interdisciplinary project. For this series, we collaborated with a cohort of future teachers in a science methods class who were majoring in Early Childhood Education. The future teachers authored stories for children inspired by *Braiding Sweetgrass* by Robin Wall Kimmerer, and then read them aloud as part of a giving-back, service-learning activity. [Description from resource].

**Licence:** CC BY-NC

### Global Digital Library

The goal of the Global Book Alliance is therefore to provide access to free, high-quality, early grade reading resources in languages that children use and understand. As a flagship activity within the Global Book Alliance, the Global Digital Library (GDL) has been developed to increase the availability of high-quality reading resources in underserved languages worldwide.



**Licence:** Various CC licences

## Mathematics for Elementary Teachers

This book from the University of Hawaii is used to teach math for education students. This book aims to help readers understand elementary mathematics more deeply, gain facility with creating and using mathematical notation, develop a habit of looking for reasons and creating mathematical explanations, and become more comfortable exploring unfamiliar mathematical situations.

**Includes:** Activities, examples, and problems bank

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Methods of Teaching Early Literacy [New]

This textbook covers theories, teaching strategies, and instructional materials pertinent to teaching reading and writing in grades PK-3, with an emphasis on integrating reading, writing, speaking, and listening, as well as integration across content areas while addressing diversity and inclusion. [Description from resource].

**Licence:** CC BY

## StoryWeaver

A digital repository of multilingual stories for children from Pratham Books so every child can have access to an endless stream of stories in her mother tongue to read and enjoy.

**Licence:** Various CC licences

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## Secondary Education

### Supporting Secondary Teachers' Critical Disciplinary Literacies [New]

The outcome of a course-wide open pedagogy project, this textbook contains a series of lesson plans co-created with students in the course EDUC 395: Teaching Disciplinary Literacy and supported by CDL experts. Specifically, the book offers accessible, research-based multidisciplinary CDL strategies ready for implementation in secondary school classrooms. [Description from resource]

**Licence:** CC BY-NC-SA

**Reviews:** Available through Open Textbook Library

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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# Inclusive Education

## Inclusive Pedagogies

Building on the principles explored in Foundations of Intercultural Teaching, this resource introduces educators to educational strategies that can foster more inclusive, equitable, and just classroom environments.

**Licence:** CC BY-NC-SA

## Interculturalizing the Curriculum

This book is the third in a series of educator development resources on interculturality. Developed for the KPU Intercultural Teaching Program, this short book engages educators in two main strands of interculturalizing the curriculum: (1) revising curriculum to reflect intercultural learning outcomes, and diverse content from multiple perspectives, and (2) supporting student interculturality development.

**Licence:** CC BY-NC-SA

## The Roles and Responsibilities of the Special Educator

The details of this book, are relevant to most education professionals who are working with children with disabilities and their families. The text has been modified to focus on the role of the special educator. As you read through this eBook you will see many references to the Individuals with Disabilities Education Act (IDEA). In the U.S., the Individuals with Disabilities Education Act (IDEA) is a **special education law** that mandates regulation for students with disabilities in order to protect their rights as students and the rights of their parents.

**Licence:** CC BY-NC-SA

## Understanding and Supporting Learners with Disabilities

This book was developed to support the Granite State College introductory courses EDU 617 and 717, Students with Disabilities. Chapters 1-11 are developed to align with the disability summary assignments. Each of these concise chapters explains the corresponding section of the disability summary template. Chapters 12-23 provide an introduction to each of the 13 IDEA disabilities.

**Licence:** CC BY-NC-SA

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# Indigenous Education and Languages

## Indigenous Education

### Indigenous Information Literacy

This book outlines best principles for working with Indigenous print and oral sources in academic research. Topics include evaluating Indigenous print sources for credibility and authenticity, finding Indigenous authors, and respectfully working with Elders.

**Includes:** Reflection exercises

**Licence:** CC BY-NC-ND (Note: This is an open access text which restricts remixing and adapting).

### Knowing Home: Braiding Indigenous Science with Western Science, Book 1

From the description, this book 1 of 2 is “far more than a set of research papers or curriculum studies. The project outputs include both, but they are incorporated into a theoretical structure that can provide the methodological basis for future efforts that attempt to develop culturally responsive Indigenous Science curricula in home places.” There is a focus on Northwestern North America.

**Includes:** Appendices, examples, selected resources

**Licence:** CC BY-NC-SA

**Reviews:** Available through Campus Manitoba

### Knowing Home: Braiding Indigenous Science with Western Science, Book 2

From the description, this book 2 of 2 is “far more than a set of research papers or curriculum studies. The project outputs include both, but they are incorporated into a theoretical structure that can provide the methodological basis for future efforts that attempt to develop culturally responsive Indigenous Science curricula in home places.” There is a focus on Northwestern North America.

**Includes:** Appendices, examples, selected resources

**Licence:** CC BY-NC-SA

## Pulling Together

Pulling Together guides are the result of the Indigenization Project, a collaboration between BCcampus and the Ministry of Advanced Education, Skills and Training. The project was supported by a steering committee of Indigenous education leaders from BC universities, colleges, and institutes, the First Nations Education Steering Committee, the Indigenous Adult and Higher Learning Association, and Métis Nation BC. These guides are intended to support the systemic change occurring across post-secondary institutions through Indigenization, decolonization, and reconciliation.

The editions likely to be of most interest in the Faculty of Education include Pulling Together: A Guide for Teachers and Instructors, and Pulling Together: Manitoba Foundations Guide (Brandon Edition).

**Licence:** CC BY-NC

## Indigenous Languages

### Cree: Language of the Plains / nēhiyawēwin: paskwāwi-pīkiskwēwin

Cree: Language of the Plains is a comprehensive educational resource, offering a broad range of learning materials that is easily accessible to Cree language learners. This collection includes an updated and redesigned Cree language textbook, Cree language audio labs, and a Cree language workbook.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## First Voices Languages

This is an online space for Indigenous communities to share and promote language, oral culture and linguistic history. Language teams work with elders to curate and upload audio recordings, dictionaries, songs and stories. Some of this content is shared with community members only, and some is shared with the broader public.

**Licence:** Note that the copyright holder has made the content on the website available to use online, however they are not openly licence.

## Little Cree Books

The Little Cree Books Project publishes short books for beginning readers in Swampy and Plains Cree.

**Licence:** CC BY-NC-SA, unless otherwise noted

## Ojibwe People's Dictionary

This online dictionary can be browsed or searched, and currently contains 17,000 word entries.

**Licence:** CC BY-NC-SA is applied to most of the website; however, some videos, photographs, and contributed materials are copyrighted. Please refer to individual resource licence information.

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**Know of an open educational resource (OER) not listed?**

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Language, Literacy, and Technology in Education

## The Asynchronous Cookbook

Whether you're teaching mostly in person but looking for some regular, asynchronous activities to add to your course, or teaching a fully online course, this resource is for you. The activities in this cookbook draw on research and good practice in online course design to provide recipes – concise and specific instructions and examples – for adding asynchronous activities to a course. Meaningful interaction between students and instructors is a key ingredient in all of these recipes.

**Licence:** CC BY-NC-SA

## Democratizing Online Learning in Postsecondary Education: Instructional Design Plans

The instructional design plans in this volume were peer reviewed through a double-blind process.

**Licence:** CC BY-NC-SA

## Digital Futures for Learning

During the Digital Futures for Learning course in 2017/18, participants created Open Educational Resources (OERs), taking the three course themes as a starting point. A selection of these OERs are available on this site.

**Licence:** Please refer to individual resources for licensing information

## Education and the Blockchain

The blockchain is considered by some people to be The Next Big Thing in higher education. For example, it is claimed that it will “reinvent higher education” (Tapscott & Tapscott, 2017), that it might “hasten the dissolution of universities as institutions” (Matthews, 2017). In this OER, we'll learn more about these claims, why they may or may not be justified, and how we might become better equipped to analyse potential blockchain projects in higher education from a critical perspective.

**Licence:** CC BY-SA

## Ethical Use of Technology in Digital Learning Environments: Graduate Student Perspectives

This book is the result of a co-design project in a class in the Masters of Education program at the University of



Calgary. The course, and the resulting book, focus primarily on the safe and ethical use of technology in digital learning environments. The course was organized according to four topics based on Farrow's (2016) *Framework for the Ethics of Open Education*.

**Licence:** CC BY 4.0

## Ethical Use of Technology in Digital Learning Environments: Graduate Student Perspectives, Volume 2

This book is the result of a co-design project in a class in the Masters of Education program at the University of Calgary. The course, and the resulting book, focus primarily on the safe and ethical use of technology in digital learning environments. The course was organized according to four topics based on Farrow's (2016) *Framework for the Ethics of Open Education*. Students were asked to review, analyze, and synthesize each topic from three meta-ethical theoretical positions: deontological, consequentialist, and virtue ethical (Farrow, 2016). The chapters in this open educational resource (OER) were co-designed using a participatory pedagogy with the intention to share and mobilize knowledge with a broader audience. The first section, comprised of four chapters, focuses on topics relating to well-being in technology-enabled learning environments, including the use of web cameras, eproctoring software, video games, and access to broadband connectivity. The second section focuses on privacy and autonomy of learners and citizens in a variety of contexts from schools to clinical settings. In each of the seven chapters, the authors discuss the connection to the value of technology in education, and practical possibilities of learning technologies for inclusive, participatory, democratic, and pluralistic educational paradigms. The book concludes with reflections from the course instructor gained over two iterations of teaching the course.

**Licence:** CC BY 4.0

## Foundational Practices of Online Writing Instruction

This book addresses the questions and decisions that administrators and instructors most need to consider when developing online writing programs and courses. The authors address issues of inclusive and accessible writing instruction (based upon physical and mental disability, linguistic ability, and socioeconomic challenges) in technology enhanced settings.

**Licence:** CC BY-NC-ND

## Foundations of Learning and Instructional Design Technology: Historical Roots and Current Trends

"What is this field?" "Where have we come from as a discipline, and where are we going?" "What do I want to study?" These and other questions are typical for new students in the field of Learning and Instructional Design Technology. This textbook is designed to help answer these questions and provide the quickest route to understanding the history and current trends in the field. After surveying classic theories and writings, as well as more recent applications of theory and practice, students will be better prepared to chart their own course and careers within the discipline. This

book is designed to support foundations courses common in departments, as well as seminars on current trends and issues.

**Licence:** CC BY

## The Future of Writing

This resource aims to encourage thought about the ways in which we take notes and how this is changing with technology. Aimed at educators, its goal is to try and answer the question: should we change how we teach and encourage students to write? The resource is provided as a WordPress blog which leads the learner through a series of discussions and thought prompts. And a Padlet discussion board.

**Licence:** CC BY-SA

## Guide to Blended Learning

This is an introduction using technology and distance education teaching strategies with traditional, face-to-face classroom activities. This Guide has been designed to assist teachers adopt blended learning strategies through a step-by-step approach taking constructivist and design-based approach and reflecting on decisions taken to provide authentic learning experience in their own contexts. This book is from the Commonwealth of Learning.

**Licence:** CC BY-SA

## Liberated Learners

Following in the footsteps of the Ontario Extend: Empowered Educator program is its predecessor, Ontario Extend: Liberated Learners. The original program worked to prepare educators to be better able to teach in a digital realm. The Liberated Learner seeks to do the same for the learners themselves. As such, the project has four modules: The Learner, The Navigator, The Collaborator, and The Technologist. Taken together, the modules aim to enable a well-rounded and ready-for-almost-anything post-secondary learner.

**Licence:** CC BY-NC

## Near Future Teaching

A collection of videos featuring students and staff talking about what changes they predict, or would like to see, in teaching over the coming decades, as technology, social trends, patterns of mobility, new methods and new media continue to shift.

**Licence:** CC BY

## Open: The Philosophy and Practices that are Revolutionizing Education and Science

This open access book shares the stories, motives, insights, and practical tips from global leaders in the open movement.

**Licence:** CC BY 4.0

## Open Teacher AB: Building Capacity in K-12 OER

This site was created by a team of educators and librarians in Alberta, Canada. It is intended as an entry point for the communities with whom we work: pre-service teachers, practicing teachers, and administrators. The focus is on how to create an openly licensed teaching resource and/or adapt existing Open Educational Resources (OER) [Description from resource].

**Includes:** OER gallery

**Licence:** CC BY-NC 4.0

## Radical Digital Literacy

This resource is based on the idea that current approaches to digital literacy in most Higher Education institutions are simplistic and fail to take into account that technology is not a neutral entity. This OER provides a number of resources to read and watch with the aim of providing a springboard to discuss and share ideas of how to integrate a more radical approach to digital literacy into an undergraduate curriculum.

**Licence:** CC BY

## Serendipity in a Digital World

This resource explores the concept of Serendipity in a Digital World. Looking at the rise of algorithms, control online and how this can affect experiences of serendipity and exploration, open and closed spaces online, and how to balance, maintain, and encourage connections. The resource has been created primarily for education professionals and Masters-level students working in fields such as digital education, learning technology, digital futures, and e-learning.

**Licence:** CC BY

## Steps to Success: Crossing the Bridge Between Literacy Research and Practice

*Steps to Success: Crossing the Bridge Between Literacy Research and Practice* introduces instructional strategies linked to the most current research-supported practices in the field of literacy. The book includes chapters related to scientifically-based literacy research, early literacy development, literacy assessment, digital age influences on children's literature, literacy development in underserved student groups, secondary literacy instructional strategies,

literacy and modern language, and critical discourse analysis. Chapters are written by authors with expertise in both college teaching and the delivery of research-supported literacy practices in schools. The book features detailed explanations of a wide variety of literacy strategies that can be implemented by both beginning and expert practitioners. Readers will gain knowledge about topics frequently covered in college literacy courses, along with guided practice for applying this knowledge in their future or current classrooms. The book's success-oriented framework helps guide educators toward improving their own practices and is designed to foster the literacy development of students of all ages.

**Includes:** Questions and activities

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Teaching in a Digital Age: Guidelines for Designing Teaching and Learning, 2nd Edition

This textbook focuses on post secondary teaching.

**Includes:** Activities, audio, appendices

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Teaching with Rich Media: A Guide for Online Instructors

Online instructors need a framework for “teaching beyond text” using rich media as instructional resources. This book defines rich media, its affordances, and its value in conveying information. The book offers a model for pedagogical strategies, a set of instructor competencies, and two models for assessment for use in professional development.

**Licence:** CC BY-SA

## 23 Things for Digital Knowledge

An award-winning, open, and self-paced course for digital and online skills. 23 Things for Digital Knowledge provides a structured way for staff and students to set aside that time to build up skills and experiment with new digital tools.

**Licence:** CC BY

## Virtual Reality in Education. A future toolkit for educators?

This resource is designed to promote thinking around virtual reality (VR) in education. After exploring each theme

participants are encouraged to share their thoughts, ideas, and response to key questions in the comments section. The aim of this OER is to provoke thought and discussion around VR and the potential future it has in education.

**Licence:** CC BY-NC-SA

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**Already using an OER? Have you adapted or created an OER?**

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# Teachable Subject Areas

## Early Childhood Education

### Child Development and Early Childhood Education

From the ASCCC OER Initiative (Academic Senate for California Community Colleges).

**Licence:** CC BY-NC

### Child, Family, and Community – Spring 2021 version

This textbook is a presentation of how and why children grow, develop, and learn including how we change physically over time from conception through adolescence. It has been shared via Google Drive. Other versions and formats of this resource are available.

**Licence:** CC BY

### ECE Textbook Collection (English and Spanish)

CDTC has made available in Spanish five of the CAP 8 ECE course textbooks. College of the Canyons (through the Open Educational Resources) provided the English textbooks used for translation (Description from website).

**Licence:** CC BY

### EDU 109 – Music for the Young Child

From Hostos Community College, this book takes a holistic approach to the study of music, drawing from diverse fields such as music education, ethnomusicology, sociology, and cognitive sciences. The book takes into account many different perspectives on a child's development rather than approaching it by focusing on only one subject.

**Licence:** CC BY-NC-SA

### The ELC – An Early Childhood Learning Community at Work

The ELC professional development model was designed to improve the quality of teacher candidates' Practicum field placements and align teaching in field placements with Learning Standards used in the teacher education program.

**Licence:** CC BY-NC

## Infant and Toddler Education and Care

This text on *Infant and Toddler Education and Care* is available through LibreTexts.

**Licence:** CC BY-NC-SA

## Introduction to Careers in Child Development

This book contains academic and career information in the field of early childhood education and child development. It can be used as a textbook for child development and related courses.

**Licence:** CC BY-NC-SA

## Introduction to Childhood Studies

Introduction to key concepts in the study of childhood from multidisciplinary perspectives. It examines the historical and socio-cultural constructions of “the child” and childhood, exploring topics such as child development, cultural notions of adolescence, children as social agents, children’s rights and challenges facing children in both local and global contexts.

**Licence:** CC BY-NC-SA

## Introduction to Curriculum for Early Childhood Education

Learn how to effectively plan curriculum for young children.

**Licence:** CC BY

## Observation and Assessment in Early Childhood Education

This text focuses on the appropriate use of a variety of assessment and observation strategies to document child development and behaviour. Child observations will be conducted and analyzed.

**Licence:** CC BY 4.0

## Parenting and Family Diversity Issues

This book has been created for students and all individuals who work with children and families (e.g., educators, parents, caregivers, direct support workers, etc.) in diverse contexts. It is imperative to understand how and what factors may influence child outcomes across the lifespan. Therefore, key concepts related to parenting, child-rearing, care-giving, and parenting education are outlined in this textbook to provide historical, theoretical, and practical perspectives across vast settings and developmental domains.

**Licence:** CC BY-NC-SA

## The Role of Equity and Diversity on Early Childhood Education

A textbook that discusses equity and diversity in the context of early childhood education. More information and other versions of this open textbook are available.

**Licence:** CC BY

## Summary of Open Educational Resources in Early Childhood Education

This is a Google Doc Handout of curated early childhood education OER by Jennifer Paris at College of the Canyons.

**Licence:** CC BY 4.0

## English Language Arts

### Arts Integration in Elementary Curriculum: 2nd Edition

This textbook covers arts integration, music, visual arts, literary arts, performing arts, and physical education and movement.

**Includes:** Suggested activities and technology, sample lesson plans, lecture slides

**Licence:** CC BY-NC-SA



## English Language Learners

### Sharing Our Knowledge: Best Practices for Supporting English Language Learners in Schools

This textbook was developed from final essays written by mostly graduate and some undergraduate students enrolled in an EAL course at the University of Saskatchewan.

**Includes:** Glossary

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Fine Arts

### Arts Integration in Elementary Curriculum: 2nd Edition

This textbook covers arts integration, music, visual arts, literary arts, performing arts, and physical education and movement.

**Includes:** Suggested activities and technology, sample lesson plans, lecture slides

**Licence:** CC BY-NC-SA

### Web of Performance: An Ensemble Workbook

The field of performance studies involves much more than actors on a stage. It is based on the idea that nearly everything we do is related to performing. We've called this book *The Web of Performance* because, like a spider's web, performance connects at multiple points to everything around it. This workbook has been designed and written for students in high school and university who may be interested in how performance works. The chapters cover broad topics drawn from the field of performance studies, an academic field developed out of theatre studies, anthropology, sociology and cultural studies in the 1980s and 1990s. *Web of Performance* covers key topics in performance studies: Performance as a form of Play, Ritual, Healing, Education, Power, Identity and Everyday Life. Each of these topics works like a web, inviting students to explore in multiple directions, across many threads.

**Licence:** CC BY-NC-SA 4.0

## French

### Center for Open Educational Resources and Language Learning – Materials

The Center for Open Educational Resources & Language Learning (COERLL) is a National Foreign Language Resource Center funded by the U.S. Department of Education. The overall mission of these federally-funded centers is to improve the teaching and learning of foreign languages by producing resources (materials and best practices) that can be profitably employed in a variety of settings. COERLL's work is organized around seven basic areas: Applied linguistic research, Teaching materials Language assessment, Teacher development, Less commonly taught languages, K-12 initiatives, and Outreach and dissemination. Languages covered include Arabic, Chinese, English, French, German, Italian, Japanese, Portuguese, Russian, and Spanish.

**Licence:** Various CC Licences

### Global Digital Library

The goal of the Global Book Alliance is therefore to provide access to free, high-quality, early grade reading resources in languages that children use and understand. As a flagship activity within the Global Book Alliance, the Global Digital Library (GDL) has been developed to increase the availability of high-quality reading resources in underserved languages worldwide.

**Licence:** Various CC licences

### StoryWeaver

A digital repository of multilingual stories for children from Pratham Books so every child can have access to an endless stream of stories in her mother tongue to read and enjoy.

**Licence:** Various CC licences

## Mathematics

### EDU III – Teaching Math & Science to Young Children

This is an online Library Guide compiled by Sherese Mitchell at Hostos Community College.

**Licence:** CC BY-NC-SA 4.0

## Mathematics for Elementary Teachers

This book from the University of Hawaii is used to teach math for education students. This book aims to help readers understand elementary mathematics more deeply, gain facility with creating and using mathematical notation, develop a habit of looking for reasons and creating mathematical explanations, and become more comfortable exploring unfamiliar mathematical situations.

**Includes:** Activities, examples, and problems bank

**Licence:** CC BY-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Teaching Math for Emergent Bilinguals: Building on Culture, Language, and Identity

This interactive book from Iowa State University emphasizes using students' language and culture as a resource in the math classroom.

**Includes:** Pre- and post-reading questions, interactive activities

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Physical Education

### Arts Integration in Elementary Curriculum: 2nd Edition

This textbook covers arts integration, music, visual arts, literary arts, performing arts, and physical education and movement.

**Includes:** Suggested activities and technology, sample lesson plans, lecture slides

**Licence:** CC BY-NC-SA 4.0

## Science

### Astronomy for Educators

This book provides new and accomplished K-12 instructors with concepts and projects for low-cost, high-impact STEM

classroom instruction that is built around the National Academies National Research Council's K-12 Framework for Science Education.

**Licence:** CC BY-SA

## Climate Science for the Classroom

These materials were developed by a group of graduate students at the University of Washington. Each chapter focuses on a different current climate change topic, strong emphasis on using data to explore global, regional, and societal issues. An archive of climate-science focused labs and games for middle and high school teachers and their students. Includes links to blog posts written by graduate student lesson developers that point to expertise from education scientists and K-12 educators that contributed to development of the lessons.

**Includes:** Modules, games, labs

**Licence:** CC BY-NC-SA

## EDU III – Teaching Math & Science to Young Children

This is an online Library Guide compiled by Sherese Mitchell at Hostos Community College.

**Licence:** CC BY-NC-SA 4.0

## Elementary Earth and Space Science Methods

This book is designed to help science teachers better understand science and feel confident in teaching this topic. This book is divided into five parts: Physics, Space Science, Earth Science, Climate Science, Course Materials and Pedagogy. Each part is broken down into smaller chapters which include: written explanations, video links, glossary terms, key takeaways, and practice quizzes.

**Includes:** Vocabulary, reflections, lesson plans

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## Knowing Home: Braiding Indigenous Science with Western Science, Book 1

From the description, this book 1 of 2 is “far more than a set of research papers or curriculum studies. The project outputs include both, but they are incorporated into a theoretical structure that can provide the methodological basis for future efforts that attempt to develop culturally responsive Indigenous Science curricula in home places.” There is a focus on Northwestern North America.

**Includes:** Appendices, examples, selected resources

**Licence:** CC BY-NC-SA

**Reviews:** Available through Campus Manitoba

## Knowing Home: Braiding Indigenous Science with Western Science, Book 2

From the description, this book 2 of 2 is “far more than a set of research papers or curriculum studies. The project outputs include both, but they are incorporated into a theoretical structure that can provide the methodological basis for future efforts that attempt to develop culturally responsive Indigenous Science curricula in home places.” There is a focus on Northwestern North America.

**Includes:** Appendices, examples, selected resources

**Licence:** CC BY-NC-SA

## Second Languages

### Global Digital Library

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**Licence:** Various CC licences

### StoryWeaver

A digital repository of multilingual stories for children from Pratham Books so every child can have access to an endless stream of stories in her mother tongue to read and enjoy.

**Licence:** Various CC licences

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**No suggested OER currently available for the following subject:** Social Studies

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a librarian supporting this subject area.

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**Know of an open educational resource (OER) not listed?**

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# CONTINUING EDUCATION

## Program Areas

Continuing Education has been organized according to the broad program areas listed on the Program Areas page, then into broad categories within those programs.

Individual Open Educational Resources (OER) are organized alphabetically by title.

### **No current suggested OER for the following program areas:**

- Adult Learning, Career Development and Advising
- English as a Second Language
- Health, Safety and Environment
- Leadership and Coaching
- Teaching Second Languages

*\*Note: there may be relevant OER listed within related faculty and department pages.*

## Connect with Libraries and Cultural Resources Support

Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with a library staff member supporting your subject area.

### **Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

### **Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Academic Preparation

\*Please refer to relevant Faculties and Departments for other potential OER.

## Biology

### Provincial Biology (BCcampus Coursepack) [New]

This course covers the learning outcomes and core topics of Provincial Biology as described by the Adult Basic Education Curriculum found in the most recent edition of the British Columbia ABE Articulation Handbook, including the completion of seven or more labs. Students are introduced to topics in cellular biology, genetics, anatomy and physiology [Description from resource].

**Includes:** Lecture slides, assignments, test bank.

**Licence:** CC BY 4.0 except where otherwise noted

## Chemistry

Refer to the Department of Chemistry in the **Faculty of Science** for potential OER.

## English

Refer to the Department of English in the **Faculty of Arts** for potential OER.

## Mathematics

### Intermediate Level Math (BCcampus Coursepack) [New]

This course enables students to broaden their understanding of mathematical concepts and extend their mathematical skills through problem solving. Students will estimate reasonably and create models with mathematics in situational contexts. Students will cement their mathematical skills and thinking strategies as they solve many multi-step problems. They will also explore, analyze, and apply mathematical ideas to realistic word problems and projects. This course pack was designed to help students reach their full potential in intermediate math. It could be used for face-to-face, hybrid (blended), or fully online learning [Description from resource].

**Includes:** Assignments, tests, final exam.



**Licence:** CC BY 4.0 except where otherwise noted

## Physics

### Physics: High School (OpenStax)

This *Physics* resource was developed under the guidance and support of experienced high school teachers and subject matter experts. It is presented here in multiple formats: PDF, online, and low-cost print. Beginning with an introduction to physics and scientific processes and followed by chapters focused on motion, mechanics, thermodynamics, waves, and light, this book incorporates a variety of tools to engage and inspire students. Hands-on labs, worked examples, and highlights of how physics is applicable everywhere in the natural world are embedded throughout the book, and each chapter incorporates a variety of assessment types such as practice problems, performance tasks, and traditional multiple choice items. Additional instructor resources are included as well, including direct instruction presentations and a solutions manual (Description from resource).

**Includes:** labs, worked examples, practice problems, assessments, instructor resources

**Licence:** CC BY 4.0

## Science

### Intermediate General and Applied Science (BCcampus Coursepack) [New]

This course package is designed as an introduction to general and applied science. It satisfies the learning outcomes for British Columbia Adult Basic Education Intermediate General and Applied Science (Science 10 in B.C.) and found in the most recent edition of the B.C. ABE Articulation Handbook. Students are introduced to important basic science concepts relevant to the general or allied health sciences. The principles of biology, physics, and chemistry are studied in a modularized format with an emphasis on the connection between disciplines. Throughout the three modules (chemistry, biology, physics), students explore the scientific method, take part in peer discussions, develop problem-solving skills in classroom and laboratory settings, and learn required skills and knowledge for Grade 10 Science that will prepare them to further explore their areas of interest [Description from resource].

**Includes:** Lecture slides, instructors manual, lab manual, assignment prompts.

**Licence:** CC BY 4.0 except where otherwise noted

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with library staff supporting these subject areas.

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**Know of an open educational resource (OER) not listed?**

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**Already using an OER? Have you adapted or created an OER?**

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# Art and Design

## Art

Refer to the Department of Art and Art History in the **Faculty of Arts** for potential OER.

## Interior Design

### Illustrated History of Furniture

This book represents an account of the changes in the design of Decorative Furniture and Woodwork, from the earliest period of which we have any reliable or certain record until the present time. A careful selection of illustrations and the representations of the different “interiors” will convey an idea of the character and disposition of the furniture of the periods to which they refer. Illustrations are arranged in chronological order, and the descriptions are explanatory of the historical and social changes which have influenced the manners and customs, and directly or indirectly affected the Furniture of different nations (Description from resource).

**Licence:** Public Domain

### Interior Materiality

This book forms a comprehensive resource for the “hows” and “whys” surrounding the functional and aesthetic contributions of a wide selection of materials and finishes used in multiple spatial design contexts.

**Includes:** Video links

**Licence:** CC BY-NC 4.0

### Tutorials of Visual Graphic Communication Programs for Interior Design

This book is for the beginning level of both architecture and interior design students who learn computer graphic communication software. The author developed multiple tutorials to teach three computer graphic applications, AutoCAD, Revit, and Enscape.

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Visual Design

### Visual Design

In this mini-course, students learn to analyze and produce effective printed documents, such as technical reports, proposals, and software documentation. To guide their learning, students are introduced to the basics of visual communication design and typography through a series of audio-visual explanations that describe and illustrate key concepts and vocabulary, self-assessments that verify the understanding, and hands-on exercises with individualized feedback that provide opportunities to try out what they learned.

**Licence:** CC BY-NC-SA

### Inclusive Design Guide

Created by the Inclusive Design Research Centre at OCAD University, the Inclusive Design Guide can be applied to digital design as well as to the design of services, the built environment, and physical products. It can be applied to processes like workshops, meetings, conferences, and even our daily interactions with one another. It can be used by anyone.

**Licence:** CC BY

### Inclusive Learning Design Handbook

The Floe Inclusive Learning Design Handbook created by the Inclusive Design Research Centre at OCAD University is designed to assist teachers, content creators, Web developers, and others in creating adaptable and personalizable educational resources that can accommodate a diversity of learning preferences and individual needs.

**Licence:** CC BY

### Task-Centered User Interface Design

The central goal of this book is to teach the reader how to design user interfaces that will enable people to learn computer systems quickly and use them effectively, efficiently, and comfortably. The interface issues addressed are primarily cognitive, that is, having to do with mental activities such as perception, memory, learning, and problem solving.

**Licence:** Non-commercial, no derivatives — see Shareware notice

## Digital Foundations

This book was written by two artist educators who teach digital art and design studio foundation classes. While teaching classes that take place in software laboratories, we noticed that many of our students expected to learn to use software, but gave little consideration to aesthetics or art and design history. A typical first day question is, “Are we going to learn Photoshop in this class?” This book is a mash-up of the Bauhaus Basic Course and open source software such as Inkscape, Gimp, Firefox, and Processing. We have taken some of the visual principles and exercises from the Bauhaus Basic Course and adapted them into exercises for these applications.

**Licence:** CC BY-NC

## Design Thinking

Design thinking is a methodology for creative problem solving. It’s a structured and cyclical approach to generating and evolving ideas. It has five phases that help navigate the development from identifying a design challenge to finding and building a solution. Those phases include: empathizing, defining the problem, ideating solutions, prototyping ideas, and testing with users.

**Licence:** CC BY-NC-SA

## Interaction Design Foundation Resources

A collection of open source textbooks on UX design.

**Licence:** CC BY-ND, but licences may vary (Note: This is an open access text which restricts remixing and adapting).

## Tutorials of Visual Graphic Communication Programs for Interior Design

This book is for the beginning level of both architecture and interior design students who learn computer graphic communication software. The author developed multiple tutorials to teach three computer graphic applications, AutoCAD, Revit, and Enscape. AutoCAD is an essential computer drafting software which is 2D drawing software. Revit is a Building Information Modeling software, which is 3D based modeling software. Lastly, Enscape is a real-time rendering, animation, and virtual reality plug-in for users’ 4D experiences.

**Licence:** CC BY-NC

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**No suggested OER currently available for the following subjects:**

- Graphic Design
- Photography

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with library staff supporting these subject areas.

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**Already using an OER? Have you adapted or created an OER?**

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# Business and Professional Management

## Business Law I Essentials (OpenStax) [New]

*Business Law I Essentials* is a brief introductory textbook designed to meet the scope and sequence requirements of courses on Business Law or the Legal Environment of Business. The concepts are presented in a streamlined manner, and cover the key concepts necessary to establish a strong foundation in the subject. The textbook follows a traditional approach to the study of business law. Each chapter contains learning objectives, explanatory narrative and concepts, references for further reading, and end-of-chapter questions. *Business Law I Essentials* may need to be supplemented with additional content, cases, or related materials, and is offered as a foundational resource that focuses on the baseline concepts, issues, and approaches [Description from resource].

**Includes:** Instructor resources, assessment questions, answer keys

**Licence:** CC BY-NC-SA 4.0

## Communication for Business Professionals

*Communication for Business Professionals – Canadian Edition* is adapted from *Business Communication for Success* which was in turn adapted in 2013 by University of Minnesota Libraries Publishing through the eLearning Support Initiative...This 2018 adaptation has significantly reduced the size and scope of the original publication and added Canadian examples, where practical, to better suit an Ontario community college context. In particular, the writing chapters 6 through 10 have been moved to a separate supplementary resource *Business Communication for Success Writing Workbook* (Description from resource).

**Licence:** CC BY-SA 4.0

## Fundamentals of Business: Canadian Edition

An introductory textbook in business that covers a variety of topics: The Foundation of Business, Economics and Business, Ethics and Social Responsibility, Business in a Global Environment, Forms of Business Ownership, Entrepreneurship: Starting a Business, Management and Leadership, Structuring Organizations, Operations Management, Motivating Employees, Management Human Resources, Union/Management Issues, Marketing: Providing Value, Accounting and Financial Information, and Personal Finances (Description of resources).

**Includes:** instructor resources (text bank, slides, essay questions)

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through eCampusOntario Open Library

## Fundamentals of Business, 4th Edition [New]

**Fundamentals of Business, fourth edition (2023)** is an 434-page open education resource intended to serve as a no-cost, faculty-customizable primary text for one-semester undergraduate introductory business courses. It covers the following topics in business: Teamwork; economics; ethics; entrepreneurship; business ownership, management, and leadership; organizational structures and operations management; human resources and motivating employees; managing in labor union contexts; marketing and pricing strategy; hospitality and tourism, accounting and finance, personal finances, and technology in business. [Description from resource].

**Includes:** Access to slide deck and test bank.

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through Open Textbook Library.

## Human Resource Management

Human Resource Management teaches HRM strategies and theories that any manager—not just those in HR—needs to know about recruiting, selecting, training, and compensating people (Description from resource).

**Includes:** case studies, activities, summaries

**Licence:** CC BY-NC-SA 4.0

**Reviews:** Available through the Open Textbook Library

## Mastering Strategic Management: Evaluation and Execution, 1st Canadian Edition

*Mastering Strategic Management* is designed to enhance student engagement in three innovative ways. The first is through visual adaptations of the key content in the book. It is well documented that many of today's students are visual learners. To meet students' wants and needs (and thereby create a much better teaching experience for professors), *Mastering Strategic Management* contains multiple graphic concept pages in every section of every chapter of the book. Think of graphic concept pages as almost like info-graphics for key concepts in each section. This feature sets *Mastering Strategic Management* apart from any strategic management book on the market today. The second way the authors capture student interest through their textbook is by using a real-world company as the running example in each chapter. For example, Chapter 1 in *Mastering Strategic Management* utilizes Blackberry to harness the conceptual coverage of the chapter in a running, corporate, application to which students will relate. The third inventive way *Mastering Strategic Management* holds the attention of strategic management students is through the "strategy at the movies" feature in each chapter that links course concepts with a popular motion picture (Description from resource).

**Licence:** CC BY-NC-SA 4.0



## An Open Guide to Integrated Marketing Communications (IMC) [New]

The how-to guide for building marketing campaigns for non-profits, activists, and advocates.

The Open Guide to Integrated Marketing Communications is an OER that was written and edited by KPU students in 2020. It covers a range of topics related to designing and launching integrated marketing campaigns, such as research, audience segmentation, creative briefs, content calendars, and more. The authors have also included reusable materials and templates to support the marketing and communications efforts of those organizations with the smallest of budgets and most limited resources, namely not-for-profit organizations, NGO's, charities, advocacy groups, and climate & social activists. The Open Guide to IMC is centred around the United Nations' 17 Sustainable Development Goals and created as an inclusive, equitable, and accessible resource to support quality education [Description from resource].

**Includes:** glossary, “text your knowledge” activities, templates

**Licence:** CC BY-NC-SA

## Organizational Behaviour (OpenStax)

This OpenStax resource aligns to introductory courses in Organizational Behavior. The text presents the theory, concepts, and applications with particular emphasis on the impact that individuals and groups can have on organizational performance and culture. An array of recurring features engages students in entrepreneurial thinking, managing change, using tools/technology, and responsible management (Description from resource).

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

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No other suggested OER at this time. Refer to the Haskayne School of Business and other relevant faculties for potential OER.

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with library staff supporting these subject areas.

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**Know of an open educational resource (OER) not listed?**

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Computer and Information Technology

Refer to the Department of Computer Science in the **Faculty of Science** and other relevant faculties or departments for potential OER.

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# Languages

## Arabic

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## French

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## German

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Italian

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Japanese

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Latin

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Mandarin

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Portuguese

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Russian

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

## Spanish

Refer to the **School of Languages, Linguistics, Literatures, and Culture** within the **Faculty of Arts** for potential OER.

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# Writing

Refer to the Writing sections within the Department of English in the **Faculty of the Arts** and Writing and Student Success Resources for potential OER.

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**Know of an open educational resource (OER) not listed?**

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# RESOURCES ACROSS ALL DISCIPLINES

This next section includes open educational resources that may be relevant to all faculty, instructors, and other teaching and learning staff at UCalgary across their disciplines and departments. This also includes staff within Libraries and Cultural Resources, Student Success Centre, the Taylor Institute for Teaching and Learning, and more.

This section, along with the relevant faculties or department pages, also offers supportive materials for students to use in their learning and to support their assignments.

**Know of an open educational resource (OER) not listed?**

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**Already using an OER? Have you adapted or created an OER?**

Let us know by completing the [OER Adoption and Creation Sharing Form](#)

# Citation Resources

## APA Style Citations – 7th Edition

The tutorial covers why it is important to use citations, elements of common source types, and how to create reference and in-text citations based on the 7th edition APA guidelines. This tutorial can also be used as a reference resource.

**Licence:** CC BY-NC-SA 4.0

## Chicago Style Citations – 17th Edition

The tutorial covers why it is important to use citations, elements of common source types, and how to create footnotes or endnotes and bibliographic citations based on the 17th edition of the Chicago Manual of Style. This tutorial can also be used as a reference resource.

**Licence:** CC BY-NC-SA 4.0

## MLA Style Citation Tutorial: 9th Edition

The MLA Style Citation Tutorial was created by librarians at the University of Alberta Library and NorQuest College Library to support students and faculty. The tutorial explores why it is important to use citations and how to create works cited list entries and in-text citations based on the 9th edition MLA guidelines. This tutorial can also be used as a reference resource. The MLA Style Citation Tutorial is an adaptation of the *APA Style Citation Tutorial* by University of Alberta Library.

**Licence:** CC BY-NC-SA

## Referencing Indigenous Elders and Knowledge Keepers

Guide on citing and referencing Indigenous Elders and Knowledge Keepers in APA 7th Edition and MLA 8th Edition. Based on the templates suggested by Lorisia MacLeod (James Smith Cree Nation) in the 2021 article, “More Than Personal Communication: Templates For Citing Indigenous Elders and Knowledge Keepers,” *KULA: Knowledge Creation, Dissemination, and Preservation Studies* 5 (1): <https://doi.org/10.18357/kula.135>.

**Licence:** CC BY-NC 4.0

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# Indigenous Resources

## Indigenous Resources

### Alliance Building in the Academy and in the Community: The Role of Decolonizing & Indigenizing

This webinar recording is about activists discussing their experiences of relationship building with Indigenous peoples. They explore how relationship building has helped influence them to focus on decolonizing and Indigenizing within the classes that they teach. This webinar includes fifteen-minute lectures from each presenter, a question-and-answer period, and then a conversation between the presenters and the facilitator Dorothy Cucw-la7 Chrisitan (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC-SA 4.0

### Bloomfield's Texts

This website presents the texts collected by Leonard Bloomfield in 1930. The website contains links to over eighty stories that are written in both Cree and English. Since these texts were part of the public domain, the Internet Archive made them available, but this new presentation represents another strategy to further collect, preserve, and make available these stories which is an endeavor that began nearly a hundred years ago. Leonard Bloomfield was a linguist who was commissioned by the National Museum of Canada to record stories from master speakers and storytellers which became the book that was published in the 1930s called *Sacred Stories of the Sweet Grass Cree*. Aaron Fay [who programmed and presented this website] is skilled at programming and at presenting information which has allowed these stories to be archived in this user-friendly fashion. Information pertaining to Aaron was difficult to locate, but Aaron is likely Indigenous and the Cree Literacy Network states that Aaron is heavily committed to learning the Cree language (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** Public Domain

### Building a Competitive First Nation Investment Climate

This textbook has been designed for those interested in First Nation and tribal governments building an investment climate that is strong and competitive. Topics within the textbook include introducing institutional and Indigenous economies. It covers the investment climate and transaction costs as well as how to establish property rights systems to facilitate investment and the legal framework that is necessary to support investment. Finally, it covers three elements of a competitive First Nation investment climate which are a fiscal framework, a building infrastructure framework, and an administration framework (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC 4.0

## Chapter 11. Indigenous Languages in Essentials of Linguistics

This textbook chapter is about Indigenous languages. The chapter details how the settler government actively worked to endanger Indigenous languages. It also covers the importance of language in crafting Indigenous people's identities. As well, it notes the skill sets that linguists' can offer to help Indigenous Peoples in revitalizing and preserving their languages. It details preserving and learning the Mohawk language as well as learning about Mohawk culture. It also covers creating materials for teaching Mohawk and how speaking Mohawk is vital in reconciliation efforts (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-SA 4.0

## Chapter 12. Indigenous Tourism in Introduction to Tourism and Hospitality in BC – 2nd Edition

This textbook chapter aims to educate about Indigenous Tourism. It explains what the socio-political context is currently for Indigenous tourism at both a local and global scale. As well, it explores how tourism is impacted by colonialism, the steps taken to uphold Indigenous rights relating to tourism, and how Indigenous tourism has evolved. It also teaches about how to strengthen Indigenous tourist businesses through understanding community and market readiness as well as the concept of authenticity and its challenges. Finally, it explores the significance of community involvement and partnerships and how this industry is valuable (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY 4.0

## A Conversation with Dr. Jo-ann Archibald Q'um Q'um Xiiem: The Many Facets of Decolonizing and Indigenizing the Academy

This webinar recording is about Dr. Jo-anne Archibald Q'um Q'um Xiiem's work in Indigenizing higher education. She explains different approaches for decolonizing and Indigenizing teaching practices as well as class curriculum. She also details some innovative approaches to teaching, learning, and research. After the presentation is a question-and-answer period (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC-SA 4.0

## ECHO: Ethnographic, Cultural and Historical Overview of Yukon's First Peoples

This open access handbook contains recent research regarding Yukon First Nations Peoples. It includes interviews with people who helped assist with research about the significance of community-based research. Topics within the

handbook include a discussion on who the Yukon's First Peoples are. It also details the archaeology of the Yukon's landscape and ethnographic research of the traditional lifeways of the Yukon's First Nations Peoples. As well, it details the Yukon First Nations Peoples relationships with newcomers and how their governance structure is set up. It also includes a section on artistic expression and entertainment (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access handbook, which does not allow for remixing or adaptation)

## Economic Aspects of the Indigenous Experience in Canada

This text explores the economic history and potential of Indigenous peoples in Canada.

**Includes:** Summary, reflection questions, suggested activities

**Licence:** CC BY

## Financial Empowerment: Personal Finance for Indigenous and Non-Indigenous People

This textbook integrates Indigenous and non-Indigenous perspectives to educate about personal finance as well as financial planning. It uses information and examples that come from Elders, the economy, and the Canadian financial system. It is aimed to teach people how to assess financial risk, make sound decisions, and achieve their intended financial success. Topics in this textbook include learning basic skills, knowledge, and context. It also covers how to achieve your financial goals and how to protect what is important to you. Finally, it includes topics that help individuals plan for their future (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC-SA 4.0

## Healing and Reconciliation Through Education

This open educational resource is focused on teaching the history of the colonial legacy of Residential Schools, with an emphasis on exploring the unique history of the Shingwauk Residential School which operated in Sault Ste. Marie, Ontario, Canada. This project builds upon decades of archival research and data collection, including the recording of oral histories, under the Shingwauk Residential Schools Centre's (SRSC) mandate of 'sharing, healing, and learning.' 'Healing and Reconciliation through Education' is designed to increase the capacity of the SRSC to educate local, regional, and national audience about the history of Residential Schools.

**Includes:** Interactive map

**Licence:** CC BY-SA

## Historical and Contemporary Realities: Movement Towards Reconciliation

The idea behind the creation of this open textbook is twofold. First, it is written as a resource for educators to teach students about the Indigenous historical significance of the lands encompassing the Robinson-Huron Treaty area and more specifically the Greater Sudbury and Manitoulin area. Secondly, through the use of interactive mapping strategies, the textbook will serve as a guide for educators to develop a similar resource to document Indigenous stories from their own areas. This open textbook is designed to be used at an introductory level to teach about social welfare issues within the Honours Bachelor of Indigenous Social Work program situated in the School of Indigenous Relations at Laurentian University. The material contained within this open textbook is broad enough that it can be used in other disciplines – sociology, education, law and justice, architecture, etc.. This text consists of six chapters. Chapter 1 provides an introduction to the gathering of Indigenous stories and their historical significance within the Greater Sudbury area. Chapters 2 – 5 are structured using the medicine wheel as its framework. Finally, Chapter 6 focuses on braiding Indigenous and Western approaches (Description from resource).

**Includes:** Learning activities, resources for more learning, maps

**Licence:** CC BY-NC 4.0

## Histories of Indigenous Peoples and Canada

This textbook was developed to support a new history course at the Thompson Rivers University – Open Learning. The course was created in response to the Calls to Action of the Truth and Reconciliation Commission and the textbook discusses what the Indigenous Americas were like in the past. It then explores Indigenous commerce and diplomacy as European goods were introduced within the economy. Next, it unpacks our history of colonialism and how this contributes to the culture crisis as well as how it influences the challenges faced in changing this. It concludes with a chapter describing how we are just at the beginning of the Truth and Reconciliation movement (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Includes:** Glossary

**Licence:** CC BY 4.0

**Reviews:** Available through BCcampus

## Indigenous Information Literacy

This book outlines best principles for working with Indigenous print and oral sources in academic research. Topics include evaluating Indigenous print sources for credibility and authenticity, finding Indigenous authors, and respectfully working with Elders. Please note that while free to read, this resource is not licensed for editing or remixing.

**Includes:** Reflection exercises

**Licence:** CC BY-NC-ND (Note: This is an open access text which restricts remixing and adapting).

## Indigenous Speaker Series: A Conversation with co-founder of Sisters Sage, Lynn-Marie Angus

This is a recording of a webinar in conversation with Lynn-Marie Angus who with her sister, Melissa-Rae Angus, founded their company Sisters Sage. Launched in 2018, Sisters Sage sells modern self-care and wellness products that are made using traditional Indigenous ingredients. They discuss the unacceptable socio-economic gap that exists between Indigenous and non-Indigenous peoples in Canada and why it is so important to have Indigenous-owned and operated businesses. As well, they discuss the process of how they started their business and how they utilized Indigenous traditional ingredients in contemporary ways to create meaningful products (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY 4.0

## Indigenous Speaker Series: A Conversation with TELFIN TFE WILNEW Instructor, Ruth Lyall

This is a recording of a webinar in conversation with Ruth Lyall. Ruth facilitates TELFIN TFE WILNEW: Understanding Indigenous Peoples at Camosun College, which is an award-winning course about Indigenous world view, colonization's impacts, and how to develop new teaching and learning methods. In this conversation she shares her insights about Indigenous engagement in higher education (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY 4.0

## Interrupting the Academy: Decolonizing and Indigenizing and What That Means to Curriculum

This webinar recording is about Indigenous scholars discussing their perspectives on the challenges faced when interrupting colonial practices in academia. They share how they have worked on decolonizing and Indigenizing classes by integrating Indigenous methods of teaching and learning. Presentations are given by three Indigenous scholars and then there is a question-and-answer period (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC-SA 4.0

## Knowing Home: Braiding Indigenous Science with Western Science, Book 1

From the description, this book 1 of 2 is "far more than a set of research papers or curriculum studies. The project outputs include both, but they are incorporated into a theoretical structure that can provide the methodological basis for future efforts that attempt to develop culturally responsive Indigenous Science curricula in home places." There is a focus on Northwestern North America.

**Includes:** Appendices, examples, selected resources

**Licence:** CC BY-NC-SA

**Reviews:** Available through Campus Manitoba

## Knowing Home: Braiding Indigenous Science with Western Science, Book 2

From the description, this book 2 of 2 is “far more than a set of research papers or curriculum studies. The project outputs include both, but they are incorporated into a theoretical structure that can provide the methodological basis for future efforts that attempt to develop culturally responsive Indigenous Science curricula in home places.” There is a focus on Northwestern North America.

**Includes:** Appendices, examples, selected resources

**Licence:** CC BY-NC-SA

## Liberalism, Surveillance, and Resistance: Indigenous Communities in Western Canada, 1877-1927

This open book explores the means used to facilitate and justify colonization, their effects on Indigenous economic, political, social, and spiritual lives, and how they were resisted.

**Licence:** CC BY-NC-ND 2.5 CA (Note: This is an open access text which restricts remixing and adapting).

## Living on the Land: Indigenous Women’s Understanding of Place

This edited volume examines how patriarchy, gender, and colonialism have shaped the experiences of Indigenous women as both knowers and producers of knowledge. From a variety of methodological perspectives, contributors to the volume explore the nature and scope of Indigenous women’s knowledge, its rootedness in relationships both human and spiritual, and its inseparability from land and landscape.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Memory and Landscape: Indigenous Responses to a Changing North

In this edited volume, Indigenous and non-Indigenous contributors bring together oral history and scholarly research from disciplines such as linguistics, archaeology, and ethnohistory. With an emphasis on Indigenous place names, this volume illuminates how the land—and the memories that are inextricably tied to it—continue to define Indigenous identity. The perspectives presented here also serve to underscore the value of Indigenous knowledge and its essential place in future studies of the Arctic.

**Licence:** CC BY-NC-ND 4.0 (Note: This is an open access text which restricts remixing and adapting).

## Northern and Indigenous Health and Healthcare

The provision of northern health care entails many unique challenges and circumstances that are rarely represented in mainstream health sciences education. This textbook provides accessible content on health and health care from a northern perspective for the growing number of health professionals being educated in northern communities.

**Includes:** Reflection questions

**Licence:** CC BY-NC 4.0

## Our Stories: First Peoples in Canada

Our Stories: First Peoples in Canada is a multimedia resource developed with Indigenous peoples from across Canada. Eliciting an unsettling of Western authority, this textbook encourages recognition that moves beyond a colonial lens.

**Includes:** Images, videos

**Licence:** CC BY-NC-ND (Note: This is an open access text which restricts remixing and adapting).

## Pulling Together: A Guide for Curriculum Developers

This guide has been developed to assist staff members from post-secondary institutions in learning about respecting, honouring, and integrating Indigenous matters such as history, culture, and knowledge into their curriculum. This guide teaches post-secondary staff how to understand Indigenization, how to integrate Indigenous epistemologies and pedagogies, how to begin building relationships with Indigenous communities, and how to incorporate all of this into curriculum. It also assists readers in learning how to recognize one's own role within the process of Indigenization and Reconciliation and how to best assist in promoting systemic change (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC 4.0

## Pulling Together: A Guide for Teachers and Instructors

This guide is designed to educate post-secondary teachers about Indigenization, decolonization, and reconciliation with the goal of supporting systemic change. It will help teachers to locate themselves, explore Indigenous worldviews and pedagogies, integrate relational protocols ethically, and build an Indigenized practice (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC 4.0



## Pulling Together: Foundations Guide

This guide aims to teach public post-secondary staff how to Indigenize their institutions and inform their own professional practices by broadening their knowledge about Indigenous Peoples. It provides information about Indigenous Peoples histories and cultures, examines colonization and its impacts, and explores the concept of decolonization and the challenges it faces due to institutionalized racism (Description take from Maskwacis Cultural College's Indigenous Open-Source Annotated Guide licensed under a CC BY 4.0 Licence).

**Licence:** CC BY-NC 4.0

## Pulling Together: Manitoba Foundations Guide (Brandon Edition)

The Manitoba Foundations Guide (Brandon Edition) is the first Manitoba adaptation of an open professional learning series developed for staff across post-secondary institutions. This guide is intended to support the systemic change occurring across post-secondary institutions and beyond through Indigenization, decolonization, and reconciliation.

**Licence:** CC BY-NC

## Restoring Indigenous Self-Determination: Theoretical and Practical Approaches

This edited volume covers self-determination for Indigenous peoples around the world.

**Licence:** CC BY-NC 4.0

## Shingwauk Narratives: Sharing Residential School History

The Shingwauk Residential Schools Centre (SRSC) holds 10 letter books of the first principal of the Shingwauk Residential School, Rev. Edward F. Wilson, and the fourth principal Rev. George L. King. These letters range in date from 1875-1904, and include a wealth of information about the early history of Shingwauk and Wawanosh. This open education resource shares stories compiled from the information in the letter books. Shingwauk Narratives discusses the in depth history of residential school, colonialism, and the establishment of the Shingwauk Residential School.

**Licence:** CC BY-NC

## Indigenous Languages

### Cree: Language of the Plains / nēhiyawēwin: paskwāwi-pīkiskwēwin

Cree: Language of the Plains is a comprehensive educational resource, offering a broad range of learning materials that is

easily accessible to Cree language learners. This collection includes an updated and redesigned Cree language textbook, Cree language audio labs, and a Cree language workbook.

**Licence:** CC BY-NC-ND (Note: This is an open access text which restricts remixing and adapting).

## First Voices Languages

This is an online space for Indigenous communities to share and promote language, oral culture and linguistic history. Language teams work with elders to curate and upload audio recordings, dictionaries, songs and stories. Some of this content is shared with community members only, and some is shared with the broader public.

**Licence:** Note that the copyright holder has made the content on the website available to use online, however they are not openly licence.

## Little Cree Books

The Little Cree Books Project publishes short books for beginning readers in Swampy and Plains Cree.

**Licence:** CC BY-NC-SA, unless otherwise noted

## Ojibwe People's Dictionary

This online dictionary can be browsed or searched, and currently contains 17,000 word entries.

**Licence:** CC BY-NC-SA is applied to most of the website; however, some videos, photographs, and contributed materials are copyrighted. Please refer to individual resource licence information.

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Please refer to the Libraries and Cultural Resources (LCR) Staff Directory to connect with library staff supporting these subject areas.

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### **Know of an open educational resource (OER) not listed?**

Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

### **Already using an OER? Have you adapted or created an OER?**

Let us know by completing the OER Adoption and Creation Sharing Form

# Libraries and Cultural Resources

## Advanced Library Skills for Physics Research

This guide by Lauren Stieglitz at the University of Alberta Library covers literature searching and information evaluation for upper-level undergraduate and Master students conducting physics research.

**Licence:** CC BY

## Contemporary Issues in Collection Management [New]

This edited, openly licensed, textbook examines several different issues in collection management. Topics covered include physical vs. digital collections; the impact of BookTok on collections; challenges to 2SLGBTQ+ collections ; ebook licensing; ebook pricing; accessible collections for users with physical disabilities; accessible collections for users with invisible disabilities; “just in time”/demand-driven acquisitions; climate change and collections and research data collections [Description from resource].

**Licence:** CC BY-NC

## Educational Psychology Library Lab Manual

This manual for Educational Psychology by Denis Lacroix at the University of Alberta Library provides the foundational knowledge necessary to start searching for information in Educational Psychology. The manual contains step by step instructions, videos, and examples. The successful completion of the objectives below will depend on answering the exercise questions and reviewing the examples whenever necessary. While some of the information is specific to the University of Alberta, the more general search strategy, database, evaluation, citation, and management of sources information can be applied at the University of Calgary as well.

**Licence:** CC BY-NC-SA

## Library Skills for 2nd Year Biological Sciences

Developed by Lauren Stieglitz at the University of Alberta Library, this tutorial covers the library skills required for students in 200-level Biological Sciences courses.

**Licence:** CC BY

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# Research and Research Data Management Resources

## Research Data Management (RDM)

### Content in Research Data Management [New]

Developed and adapted by the Faculty of Graduate Studies and the Library and Scholarly Resources at Athabasca University, this free online course “is a self-directed micro-course, designed to assist emerging scholars with managing research data from start to finish. Explore data management strategies via the course’s interactive content, engaging animations, and video clips. Learn from the first-hand experiences of experts and emerging scholars. Work through the course at your own pace and schedule – and download the Learning Journal to find reflection questions and professional development activities that you can revisit throughout your researcher’s journey” [Description from resource].

**License:** CC BY-NC 4.0

### Data Primer: Making Digital Humanities Research Data Public [New]

This Data Primer was collaboratively authored by over 30 Digital Humanities researchers and research assistants, and was peer-reviewed by data professionals. It serves as an overview of the different aspects of data curation and management best practices for digital humanities researchers. Endorsed by the National Training Expert Group of the Digital Research Alliance of Canada [Description from resource].

**Includes:** Data management plan template, exercises

**License:** CC BY 4.0

### Illuminating RDM Webinars, UCalgary [New]

Illuminating Research Data Management is a webinar series designed to empower researchers to confidently manage data at all phases of their research program. Hosted by University of Calgary [Description from collection description].

**Includes:** recorded webinars, slide decks

**License:** Collection includes a variety of CC Licenses including CC BY 4.0, CC BY-NC 4.0, and CC BY-NC-ND 4.0, please refer to the individual webinar package for use.

## Research Data Management in the Canadian Context: A Guide for Practitioners and Learners [New]

Research Data Management is a term for all the things that researchers do to structure, organize and maintain data before, during and after doing research. RDM is also an emerging discipline that is concerned with researching and developing ways to manage research data more effectively. But what is research data? Where is the push towards formal Research Data Management coming from? What are the requirements of good data management? Research Data Management in the Canadian Context: A Guide for Practitioners and Learners looks at these questions and more, all with a focus on Canadian guidelines, regulations and infrastructure [Description from resource].

**Licence:** CC BY-NC

## La gestion des données de recherche dans le contexte canadien: Sous-titre: Un guide pour la pratique et l'apprentissage [New]

La gestion des données de recherche est une pratique qui désigne tout ce que les chercheuses et chercheurs font pour structurer, organiser et préserver leurs données avant, pendant, et après la réalisation d'une recherche. La GDR est également une discipline émergente qui s'intéresse à la recherche et au développement de moyens qui permettent de gérer plus efficacement les données de recherche. Mais que sont les données de recherche ? D'où viennent les exigences pour formaliser la gestion des données de recherche ? Quels sont les critères d'une bonne gestion des données ? La gestion des données de recherche dans le contexte canadien : un guide pour la pratique et l'apprentissage aborde ces questions et d'autres encore, en mettant l'accent sur les lignes directrices, les règlements et l'infrastructure au Canada [Description from resource].

This resource is the French translation of *Research Data Management in the Canadian Context: A Guide for Practitioners and Learners* listed above.

**Licence:** CC BY-NC

## Research Skills

### Advanced Research Skills: Conducting Literature and Systematic Reviews

A short course for graduate students to increase their proficiency in conducting research for literature and systematic reviews. After taking the mini-course graduate students will understand how to conduct their review, how to execute appropriate searches, manage their results, and demonstrate strategic reading skills. Module 1 provides a quick overview of the different types of academic reviews and the steps involved in conducting them. Module 2 demonstrates how to formulate a research question and how to search for sources. Module 3 discusses how to select and organize sources. Finally, Module 4 outlines techniques for reading and assessing the quality of sources. The course contains interactive H5P activities for students to test their learning. Students have access to a workbook of reflective activities to document their research process. The intended outcome is to ensure graduate students understand how to conduct and manage their own research for their academic success and future careers.

**Includes:** Research Roadmap Workbook [Google Doc – make a copy]

**Licence:** CC BY 4.0

## Choosing & Using Sources: A Guide to Academic Research

This textbook provides a process for academic research and writing, from formulating a research question to selecting good information and using it effectively in research assignments.

**Includes:** Videos, self-quizzes, and activities

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Choosing & Using Sources: A Guide to Academic Research, 1st Canadian Edition

Canadian adaptation by the University of Regina, with engaging graphics, compelling examples, and easy-to-understand explanations that make *Choosing and Using Sources: A Guide to Academic Research*, a valuable, open-access resource for completing research-based writing assignments and projects. Students will be better equipped to tackle the challenges of developing research questions, evaluating and choosing the right sources, searching for information, avoiding plagiarism, and much more.

**Licence:** CC BY 4.0

## Doing Research: A Student's Guide to Finding and Using the Best Sources

This Canadian textbook takes a modules-based approach to learning research skills that emphasizes the reflective nature of information discovery, the contextual basis for evaluating that information, and a recognition that information has value.

**Includes:** Activities and exercises

**Licence:** CC BY 4.0

**Reviews:** Available through the Open Textbook Library

## Engineering and Information: Research Skills for Engineers

This book, *Engineering and Information: Research Skills for Engineers*, is intended to expand experiential learning course offerings for undergraduate students through a series of interactive modules. The developed resource includes seven independent modules that focus on essential skills for engineering including how to find, understand, evaluate, and

document information sources that are commonly used by engineers such as journal articles, patents, standards/guidelines, books, and webpages.

**Licence:** CC BY-NC-SA 4.0

## Graduate Research Project Guide: Secondary Data Analysis [New]

This work, from a Social Work perspective, aims to present graduate students a step-by-step guide to choosing a research topic, finding a dataset, writing an Introduction and Literature Review, conducting data cleaning and analysis, and presenting findings in a final version of a thesis/graduate research paper. Since this book is a step-by-step guide, it contains only key elements and steps. Thus, for more detailed information about research methods and statistics, we recommend reviewing other research methods and statistics textbooks. [Description from resource].

**Licence:** CC BY-NC-SA 4.0

## Health Professions Education Research Primer

This is a joint project between the McMaster Education Research, Innovation, and Theory (MERIT) unit, McMaster Faculty of Health Sciences Program for Faculty Development, and the McMaster Masters in Health Sciences Education program. This e-book has been published via McMaster University, Faculty of Health Sciences, Office of Continuing Professional Development. This project is made possible with funding by the Government of Ontario and through eCampusOntario's support of the Virtual Learning Strategy.

**Licence:** CC BY-NC-SA 4.0

## Library 160: Introduction to College Level Research

You will learn how scholarly information is produced, organized, and accessed; how to construct and use effective search strategies in a variety of web tools and scholarly databases; how to choose finding tools appropriate to the type of information you need; critical thinking skills in the evaluation of resources; and best practices in the ethical use of information.

**Licence:** CC BY-SA 4.0

## A Quick, Somewhat Easy-to-Read Introduction to Empirical Social Science Research Methods [New]

A brief textbook to introduce students to the core concepts of empirical social science research methods. This textbook has been used as the main textbook in an undergraduate social science research methods course (supplemented by many in-class exercises and research reports) and as the basis of a review in preparation for graduate-level study in research methods and program evaluation. [Description from resource].



**Licence:** CC BY-NC-SA

**Reviews:** Available through OER Commons.

## Social Science Research: Principles, Methods, and Practices

This book is designed to introduce doctoral and graduate students to the process of scientific research in the social sciences, business, education, public health, and related disciplines. It is a one-stop, comprehensive, and compact source for foundational concepts in behavioral research, and can serve as a stand-alone text or as a supplement to research readings in any course on research methods.

The contents and examples are designed for anyone interested in behavioral research (not just information systems people), and so, the book should appeal to most business programs, social sciences, education, public health, and related disciplines. Also available in Arabic, Chinese, Korean, Persian, Ukrainian, and Vietnamese.

**Licence:** CC BY-SA 3.0

## Social Science Research: Principles, Methods and Practices (Revised edition) [New]

This book is designed to introduce doctoral and postgraduate students to the process of conducting scientific research in the social sciences, business, education, public health, and related disciplines. It is a one-stop, comprehensive, and compact source for foundational concepts in behavioural research, and can serve as a standalone text or as a supplement to research readings in any doctoral seminar or research methods class [Description from resource].

**Licence:** CC BY-NC-SA

**Reviews:** Available through Open Textbook Library.

## Web Literacy for Student Fact-Checkers

This is an unabashedly practical guide for the student fact-checker. It supplements generic information literacy with the specific web-based techniques that can get you closer to the truth on the web more quickly.

This guide will show you how to use date filters to find the source of viral content, how to assess the reputation of a scientific journal in less than five seconds, and how to see if a tweet is really from the famous person you think it is or from an impostor. It'll show you how to find pages that have been deleted, figure out who paid for the website you're looking at, and whether the weather portrayed in that viral video actual matches the weather in that location on that day. It'll show you how to check a *Wikipedia* page for recent vandalism and how to search the text of almost any printed book to verify a quote. It'll teach you to parse URLs and scan search result blurbs so that you are more likely to get to the right result on the first click. And it'll show you how to avoid baking confirmation bias into your search terms.

**Licence:** CC BY 4.0

**Know of an open educational resource (OER) not listed?**

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**Already using an OER? Have you adapted or created an OER?**

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# Writing and Student Success Resources

## Academic Integrity

### Academic Integrity

An interactive approach to conveying the values of academic integrity, clarifying the meaning of plagiarism, and introducing the basics of citations, quoting and paraphrasing.

**Licence:** CC BY-NC-SA

### Academic Integrity in Canada: An Enduring and Essential Challenge

This open access book presents original contributions and thought leadership on academic integrity from a variety of Canadian scholars. It showcases how our understanding and support for academic integrity have progressed, while pointing out areas urgently requiring more attention. Firmly grounded in the scholarly literature globally, it engages with the experience of local practitioners. It presents aspects of academic integrity that is specific to Canada, such as the existence of an “honour culture”, rather than relying on an “honour code”. It also includes Indigenous voices and perspectives that challenge traditional understandings of intellectual property, as well as new understandings that have arisen as a consequence of Covid-19 and the significant shift to online and remote learning. This book will be of interest to senior university and college administrators who are interested in ensuring the integrity of their institutions. It will also be of interest to those implementing university and college policy, as well as those who support students in their scholarly work [Description from resource].

**Licence:** CC BY 4.0

## Student Success

### College Success Concise [New]

OpenStax *College Success Concise* serves First Year Experience, Student Success, and College Transition courses, and can also be used as a supplementary resource in courses across the curriculum. With the input of hundreds of instructors and academic success experts, the authors carefully prioritized the most critical topics to align to briefer courses. The offering covers material such as college culture, time management, mindset, study skills, test preparation, financial literacy, health, and planning for the future [Description from resource].

**Includes:** Instructor’s manual, test bank, lecture slides.

**Licence:** CC BY

## Learning to Learn Online

This Canadian textbook presents learning strategies for online university courses.

**Includes:** Activities

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## Preparing for College Success [New]

OpenStax's *Preparing for College Success* is a comprehensive resource that provides secondary students critical information to prepare for their “to and through” college journey. The book addresses the evolving challenges and opportunities of today's diverse students. College match, preparing for transition, time management and study skills, building relationships, financial literacy, and career planning are all reflected throughout the material. *Preparing for College Success* also includes an array of student-centered features including scenarios and advice from current college students that can support robust classroom conversation or individual learning [Description from resource].

**Includes:** Instructor's resource manual, test bank, lecture slides.

**Licence:** CC BY

## Strategies for Academic Success

This Canadian textbook is designed to help students succeed in university.

**Includes:** Learning objectives

**Licence:** CC BY-NC-SA

**Reviews:** Available through BCcampus

## University 101: Study, Strategize, and Succeed

This Canadian textbook introduces students to principles of study skills.

**Includes:** Exercises, further reading

**Licence:** CC BY-SA

**Reviews:** Available through the Open Textbook Library

## University Success

This Canadian book provides practical information for first-year university students.

**Includes:** Activities

**Licence:** CC BY-NC-SA

**Reviews:** Available through BCcampus

## Writing

### Introduction to University Writing

This self-paced writing skills course designed for Vancouver Community College will assist students to build academic writing skills required at the university/college level. Incorporated in this skillset is the ability to use critical thinking skills to acquire and analyze information and develop knowledge in new areas.

**Includes:** Readings, assignments, videos, instructor resources (including assignment package with evaluation criteria)

**Licence:** CC BY 4.0, unless otherwise noted.

### The Simple Math of Writing Well: Writing for the 21st Century

This guide focuses on the basics of linguistic structure and the variety of mediums that define the internet-connected world.

**Includes:** Exercises

**Licence:** CC BY-NC-SA

**Reviews:** Available through the Open Textbook Library

## University Writing

Resources that University Writing at Auburn University has developed to support students and instructors across the disciplines in their writing and writing instruction. We define writing broadly, so you will find resources on ePortfolios, visual design, professional communication, and presentations in addition to traditional writing tasks like reflective writing, literature reviews, peer review, and editing and proofing.

**Licence:** CC BY-NC-SA 4.0

## The Word on College Reading and Writing

Written by five college reading and writing instructors, this interactive, multimedia text targets students who are entering the college reading and writing environment for the very first time. It includes examples, exercises, and definitions for just about every reading- and writing-related topic students will encounter in their college courses. Note: U.S.-centric and would require adaptation.

**Includes:** Check Your Understanding activities, glossary

**Licence:** CC BY-NC

**Reviews:** Available through the Open Textbook Library

## Write Here, Right Now: An Interactive Introduction to Academic Writing and Research

This Canadian textbook is intended for first year university students and effectively integrates into the flipped classroom model. The textbook could also be used for non-flipped classroom designs, as the embedded videos, diagrams and linked modules would act as an all-in-one multimedia textbook geared towards multiple learning styles and disciplines.

**Includes:** Learning outcomes, videos, and activities

**Licence:** CC BY

**Reviews:** Available through the Open Textbook Library

## Writeonline.ca

*Write Online* was designed by writing experts from three universities who work with students on a daily basis. Our guides introduce you to the particularities of these genres, provide practical strategies for you to try in your own writing, and use model texts to help you better understand the organization, format, and language used in each of these types of writing. Writing genres covered: case study report, lab report, literature review, and reflective writing.

**Licence:** CC BY-NC 4.0

## Writing for Success: 1st Canadian H5P Edition

The interactive textbook provides instruction in steps, builds writing, reading, and critical thinking, and combines comprehensive grammar review with an introduction to paragraph writing and composition. Canadian adaptation of *English Composition I: Rhetorical Methods-Based*. Reviews are available for the previous edition.

**Includes:** Learning objectives, discussion questions, key takeaways, self-practice exercises

**Licence:** CC BY-NC-SA 4.0

## Writing for Success 2023 [New]

This book, *Writing for Success 2023*, has been adapted by Jamie Campbell Martin in spring of 2023 from 2015's *Writing for Success*. The author uses it in his community college English composition courses. It covers typical topics for a composition course: reading and studying; grammar and mechanics; thesis development; rhetorical modes; citing sources in APA and MLA styles [Description from resource].

**Includes:** Writing exercises.

**Licence:** CC BY-NC-SA

**Reviews:** Available through OER Commons

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### **Know of an open educational resource (OER) not listed?**

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# OER Repositories

## OER Repositories

Here are some of the repositories used to discover the OER contained within this guide:

- Campus Manitoba and B.C. Open Collection by BCcampus
  - These resources provide access to the same collection of over 300 open textbooks in subjects including arts, business, health, recreation, science and social sciences.
- eCampusOntario Open Textbook Library
  - This collection contains the same textbooks as included in Campus Manitoba and BC Campus, in addition to unique content created by postsecondary educators in Ontario.
- LibreTexts
  - Founded in 2008, LibreTexts is a leading, non-commercial open textbook organization for higher education. In Oct. 2018, the U.S. Dept. of Education awarded LibreTexts \$5 million over 3 years to expand its collection of primary source textbooks and supplemental learning resources.
- Lyryx Learning
  - Open textbooks for math and economics; license fees for accompanying online assessments. Print-on-demand available for purchase.
- Mason OER Metafinder
  - A meta-search tool that simultaneously searches several large OER repositories of open educational materials.
- MERLOT
  - Peer-reviewed free learning materials, exercises and webpages, and open textbooks.
- OAPEN
  - Includes freely accessible academic books mainly in the area of humanities and social sciences.
- OASIS (Openly Available Sources Integrated Search)
  - A search tool for discovery of open content from 57 different sources.
- OER Commons
  - A large OER repository, including textbooks. A product of the Institute for the Study of Knowledge Management in Education.
- OpenStax
  - Peer-reviewed texts in science, math, social sciences. Supported by additional learning resources. Print copies available via Amazon.
- OpenSUNY
  - Open textbooks in a variety of disciplines.
- Open Textbook Library
  - A resource for peer-reviewed academic textbooks that are free, openly licensed, and complete.
- Project Gutenberg
  - Large collection of eBooks in the Public Domain because the copyright has either expired or the copyright holder has given explicit permission for unlimited non-commercial worldwide use. Contains many classic works of literature.

- Public Domain Core Collection
  - Includes fiction and non-fiction public domain works that have been adapted for post-secondary use through Pressbooks. This collection is a collaborative project between Ryerson and Brock universities.
- WikiBooks
  - Open Textbook project with over 2800 titles.

## Open Educational Resources (OER) Library Guide, UCalgary LCR

For more information about finding, evaluating, adopting, adapting, and creating OER, visit UCalgary's Libraries and Cultural Resources OER Library Guide ([libguides.ucalgary.ca/guides/oer](https://libguides.ucalgary.ca/guides/oer)).



## Open Course Materials Matching Service (OCoMMS), UCalgary LCR

Are you interested in finding more open educational resources that match your course?

Libraries and Cultural Resources offers a service to assist faculty, instructors, and other educators selecting materials for their course or program who are interested in incorporating Open Educational Resources. Visit the OCoMMS Library Guide (<https://libguides.ucalgary.ca/guides/ocomms>) to learn more about this service and to submit an OCoMMS search request.

# Share your OER adoption with us!

Have you adopted an open educational resource from this guide or that you've found elsewhere?

Let us know by completing the OER Adoption and Creation Sharing Form

Want to chat about a potential OER adoption? Contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

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The OER Adoption and Creation Sharing Form (<https://ucalgary.libwizard.com/f/oyeradoption>) will be reviewed by Libraries and Cultural Resources' OER Support Team.

# Share your OER or suggestions with us!

Are you using an OER not listed in this guide? Have you adapted or created a new OER not listed?

Let us know using the OER Adoption and Creation Sharing Form

Do you have a comment or a suggested correction?

Share it with us at [oer@ucalgary.ca](mailto:oer@ucalgary.ca).

# Version History

This page provides a record of edits and changes made to this book since its initial publication. Whenever edits or updates are made in the text, we will provide a record and description of those changes here. If the change is minor, the version number increases by 0.1. If the edits involve substantial updates, the version number increases to the next full number. Routine hyperlink checks will also occur, which will be noted below but will not impact version number.

The files posted by this book always reflect the most recent version. If you find an error in this book, please contact us at [oyer@ucalgary.ca](mailto:oyer@ucalgary.ca).

Version	Date	Change	Affected Web Page
1.0	July 2022	Original publication date	
1.1	July 18, 2022	Updated Faculty of Veterinary Medicine pages	<a href="https://openeducationalberta.ca/oerguideucalgary/part/faculty-of-veterinary-medicine/">https://openeducationalberta.ca/oerguideucalgary/part/faculty-of-veterinary-medicine/</a>
1.25	September 2022	Update contact information, formatting, links, licensing information, and added additional OERs	whole book
1.5	Sept. 2023-Feb. 2024	<ul style="list-style-type: none"><li>• New OER titles added throughout book</li><li>• New section on “Research Data Management” added to Research Resources</li><li>• Review organization and hyperlinks</li><li>• Update contact and institutional information</li><li>• Update Faculty of Science’s previous Department of Geoscience to new name, Department of Earth, Energy and Environment</li><li>• “Food and Human Nutritional Sciences” has been moved from the Faculty of Science to the Faculty of Kinesiology.</li><li>• Sections with now suggested OER unpublished</li></ul>	whole book