

Bachelor of Science in Operation Theatre Technology

We are pleased to provide a curated list of open educational resources for the Bachelor of Science in BOTT program. These are only for the purpose of additional readings and support classroom interactions

Medical Terminology and Record keeping (including anatomical terms)

Grimm, S. et al. (2022). *Medical terminology*. OER Commons.

<https://nicoletcollege.pressbooks.pub/lcmedicalterminology/>. License: CC BY

Nelson, A.M.& Greene,K. (2020). *Medical terminology for healthcare professions*. University of West Florida Pressbooks. Open Textbook Library.

<https://open.umn.edu/opentextbooks/textbooks/medical-terminology-for-healthcare-professions>. License: CC BY

Sturdy, L., & Erickson, S. (2022). *The language of medical terminology*. NorQuest College.

OER Commons. <https://pressbooks.openeducationalberta.ca/medicalterminology/>. License: CC BY

Anatomy & Physiology

Betts, J. G. et al. (2021). *Anatomy and physiology* (2nd ed.). OpenStax. Open Textbook Library.

<https://openstax.org/details/books/anatomy-and-physiology-2e>. License: CC BY

Chruścik, A., Kauter, K., Windus, L., & Whiteside, E. (2021). *Fundamentals of anatomy and physiology*. University of Southern Queensland. Open Textbook Library.

<https://usq.pressbooks.pub/anatomy/>. License: CC BY-SA

Phillips, J., & O'Hara, M. (2024). *Hands-on anatomy*. North Broad Press, Temple University Press. OER Commons. <https://temple.manifoldapp.org/projects/hands-on-anatomy>.

License: CC BY

Health Care Quality & Patient Safety

Doyle, G. R., & McCutcheon, J. A. (2015). *Clinical procedures for safer patient care*.

BCcampus. Open Textbook Library. <https://opentextbc.ca/clinicalskills/>. License: CC BY

Niyirora, J. (2020). *Applications of control charts for quality improvement in health care*. OER Commons.

<https://oercommons.org/courseware/lesson/63419/overview>. License: CC BY-NC-SA

Biochemistry & Haematology

Rajagopal, I.; Ahern, K.,; & Tan, T. (2021). *Biochemistry free for all*. Oregon State University. OER Commons.

https://biochem.oregonstate.edu/sites/biochem.oregonstate.edu/files/2022-04/Biochemistry%20Free%20For%20All%201.3_compressed.pdf . License: CC BY-NC

Higginbotham, C. (2022). *Introductory biochemistry*. Open Oregon Educational Resources. OER Commons. <https://openoregon.pressbooks.pub/biochemistry/>. License: CC BY-NC-SA

Villatoro, V. & To, M. (2019). *A laboratory guide to clinical hematology*. University of Alberta Libraries. Open Textbook Library. <https://pressbooks.openeducationalberta.ca/mlsci/>. License: CC BY-NC

Pathology & Microbiology

Dyck, H., & Kong, J. (2022). *Pathology: From the tissue level to clinical manifestations and inter-professional care*. British Columbia Institute of Technology (BCIT) Open Education. OER Commons. <https://oercommons.org/courses/pathology>. License: CC BY-NC

Kaiser, G. (2022). *Microbiology*. LibreTexts. OER Commons. [https://bio.libretexts.org/Bookshelves/Microbiology/Microbiology_\(Kaiser\)](https://bio.libretexts.org/Bookshelves/Microbiology/Microbiology_(Kaiser)). License: CC BY

Parker, N. (2016). *Microbiology*. OpenStax CNX. Open Textbook Library. <https://openstax.org/details/books/microbiology>. License: CC BY

Basic Concepts in Pharmacology

Chippewa Valley Technical College. (2022). *Nursing pharmacology* (E. Christman & K. Ernstmeyer, Eds.). Chippewa Valley Technical College. OER Commons <https://www.saskoer.ca/pharmacology/>. License: CC BY

Cleveland, J. L.; Binks, A. P. & LeClair, R. J. (2025). *Microbiology, pharmacology, and immunology for pre-clinical students*. Virginia Tech Publishing. Open Textbook Library. <https://pressbooks.lib.vt.edu/micropharmimmuno/>. License: CC BY