



STEM ZTC Programs

Project Background

In April 2019, BCcampus received funding from the Ministry of Advanced Education, Skills & Training to create high-quality, useful teaching and learning tools for faculty who want to adopt open educational resources (OER) with the goal of creating Zero Textbook Cost (ZTC) programs in Science, Technology, Engineering and Math (STEM). ZTC programs enable students to earn credentials without incurring costs for textbooks.

Student Benefits

FREE TEXTBOOKS FOR STUDENTS

When a textbook is too expensive, it affects student success*:

- 54% don't purchase the required text
- 30% earn a lower grade
- 37% take fewer courses
- 26% don't register for a specific course
- 17% drop or withdraw from a course

DAY ONE ACCESS TO COURSE MATERIALS

- Perpetual access - never expires

MEETS ACCESSIBILITY REQUIREMENTS

- Available in print or digital formats
- Students can choose the best format for their needs
- Can be used with screen readers or magnified

*Jhangiani, R.S., & Jhangiani, S. (2017). Investigating the perceptions, use, and impact of open textbooks: A survey of postsecondary students in British Columbia. The International Review of Research in Open and Distributed Learning.

Faculty Benefits

SUITE OF OER AVAILABLE FOR ALL COURSES INCLUDING:

- Textbooks
- PowerPoint slides
- Test banks
- Activities

EDITABLE, CUSTOMIZABLE & ALIGNED WITH CURRICULUM

- Easily updated when standards or curriculum changes

ACADEMIC FREEDOM TO MODIFY COURSE MATERIALS



Get Involved

We are working with post-secondary STEM programs across the province and are looking for faculty and subject matter experts who are:

- Content authors
- Content reviewers
- Ancillary creators
- Champions who will promote this project

Call For Proposals

BCcampus is offering creation and adaptation grants. More info coming Fall 2019!

More Info

Melanie Meyers, Project Manager
mmeyers@bccampus.ca

