



EAP-102 – Technology & Augmentative Communication

Health and Human Services

Effective Term & Year: Fall 2024
Course Outline Review Date: 2029-04-01

Program Area: Child Youth and Family Studies

Description:

This course provides students with an introduction to how technology can be used to support K-12 learners in a school setting. Students explore low, mid, and high-tech options for supporting the BC Ministry of Education’s “Core Competencies” (Communication, Thinking, and Personal & Social). Students also look at a variety of ethical and technological issues that emerge when using technology to support children in K-12 classrooms.

Program Information:

This course is required for the Education Assistant Certificate.

Delivery Methods: Online

Credit Type: College of the Rockies Credits

Credits: 3

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	45
Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	
Co-op/Work Experience	

Other

Total	45
-------	----

Course Requisites:

- Earned a minimum grade of C+ (65%) in at least 1 of the following:
 - [ENST 12](#) – English Studies 12
 - [ENFP 12](#) – English First Peoples 12
 - [ENGL090](#) – English – Provincial Level

Prior Learning and Recognition: Yes

Students are able to request formal recognition of their prior learning or experience outside the classroom. Challenge examination, portfolio-assisted assessment, work-based assessment or a combination of assessments that is appropriate to identify, assess, and recognize prior skills, competencies, and knowledge to achieve course credit. Tuition fees apply, refer to [Policy 2.5.5 Prior Learning Assessment and Recognition \(PLAR\)](#) or contact an education advisor for more information.

Course Transfer Credit:

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see <https://www.bctransferguide.ca/> or <https://transferalberta.alberta.ca> . For more transfer credit information, please visit <https://www.cotr.bc.ca/Transfer>

All requests for course transfer credit from institutions in British Columbia or elsewhere should go to the College of the Rockies Enrolment Services office.

Textbook Resources:

Textbook selection varies by instructor and may change from year to year. At the Course Outline Effective Date the following textbooks were in use:

Haig, J., Raikes, G., & MacMillian, V. (2014). *Cites & sources: An APA documentation guide*. (4th ed.) Toronto, Ontario: Nelson Publishing.

Harber, M. and Rao, A. (2019). *The role of an education assistant: Supporting inclusion*. Toronto: Canadian Scholars.

Wik, H. & Eckersley, B. (2022). *Observing and documenting for education assistants and aboriginal education support workers*. College of the Rockies.

Please see the instructor's syllabus or check COTR's online text calculator <https://textbook.cotr.bc.ca/> for a complete list of the currently required textbooks.

Learning Outcomes:

Upon the successful completion of this course, students will be able to

- identify prevalent low, mid, and high-tech tools that can be used to support the BC Ministry of Education's core competencies in Communication, Thinking, and Personal & Social areas;
 - explain how principles of Universal Design for Learning can be incorporated into technology integration in the K-12 classroom;
 - examine issues which emerge as learners use technology and augmentative communication in the K-12 classroom, including diversity in values and perspectives, dignity of choice, constructs of technology, and bias;
 - justify selections of low, mid, and high-tech tools with consideration to K-12 student needs, school resources, and professional roles; and
 - use a range of educational technologies to develop familiarity with them for future practice decisions.
-

Course Topics:

Module 1: Introduction to Technology & Augmentative Communication

- Low, mid, and high tech
- Roles and responsibilities
- Access to technology
- Introduction to ACC

Module 2: Technology to support the core competency "Communication"

- Connecting and engaging with others
- Reading
- Writing
- Speaking
- Listening
- Presenting
- Collaborating

Module 3: Technology to support the core competency "Thinking"

- Creative thinking
- Access to information
- Creative software and apps
- Artificial intelligence, virtual reality, and gamification
- Honoring personal voice when using AI generators
- Honoring personal voice when using technology
- Math
- Evaluating information sources

Module 4: Technology to support the core competency “Personal and Social”

- Visual supports & social stories
- Supporting positive behaviour
- Self-regulation
- Mental wellness
- Customization and personalization
- Ethics and values
- Culture
- Universal designs for learning
- Language learning
- Self-esteem
- Social media
- Mobility
- Inclusive environments
- Promoting independence

See instructor’s syllabus for the detailed outline of weekly readings, activities and assignments.

Evaluation and Assessments

Assessment Type: Online

Assessment Type	% of Total Grade
Assignment #1 – Technology to Support Communication	25%
Assignment #2 – Technology to Support Thinking	10%
Assignment #3 – Technology to Support Personal and Social	25%
Weekly Discussions & Activities	40%
Total	100%

Grade Scheme

A+	A	A-	B+	B	B-	C+	C	C-	D	F
>=90	89-85	84-80	79-76	75-72	71-68	67-64	63-60			<60

Pass requirements:

An overall average of C (60%) or higher is required to pass this course.

Exam Attendance:

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a "0" on the exam.

Academic Policies:

College of the Rockies policies related to courses can be found at <https://cotr.bc.ca/about-us/college-policies/> and include the following:

- Policy 2.1.4 Course Audit
 - Policy 2.4.1 Credential Framework
 - Policy 2.4.3 Students with Documented Disabilities
 - Policy 2.4.4 Student Rights, Responsibilities and Conduct
 - Policy 2.4.8 Academic Performance
 - Policy 2.4.9 Student Feedback and Concerns
 - Policy 2.4.11 Storage of Academic Works
 - Policy 2.5.3 Student Appeal
 - Policy 2.5.5 Prior Learning Assessment and Recognition (PLAR)
-

Equivalent Course(s) and Course Code Changes

Prior Course Code: EAP 202 >> EAP 102

Date changed: May 15, 2013

Course Changes:

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.