Course Outline

EDU 210A: Introduction to Educational Technology
3 Credits, 3 hour lectures, 3 hours lab

This course examines frameworks, trends, issues, and futuristic scenarios as it relates to the role of technology in education. Students will gain hands-on experience using technology, with a special emphasis on strategies for integrating technology in the school curriculum.
Note: Students may not receive credit for both EDU 210 and EDIT 202.

Prerequisite: EDU 100

Instructor

Tracy Boger
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Office Hours
Wed: 1:30 to 3:30
Thur: 1:30 to 3:30
Friday 8:30 to 9:30

Hours of Instruction

Lab: Tuesday   10:00 - 12:50
Lec: Wednesday 10:00 - 11:20
Lec: Friday   10:00 – 11:20

Required Resources

Transforming Learning with New Technologies, 3rd edition. By Maloy, Verock, Edwards, & Woolf

Additional Readings will be provided on iLearn.

Course Outcomes

Upon successful completion of this course, the student shall be able to:

- Articulate and select frameworks that guide the use of technology in education.
- Understand the role of digital technologies within the teaching profession.
- Explore and demonstrate the use of technologies that support teaching and learning.
- Reflect on the conventions and responsibilities of digital citizenship including privacy, intellectual property and copyright.
- Begin to develop a philosophy of teaching with technology.

Evaluation

Weekly Assignments: 50%

- ICT Program of Studies Online Assignment
- 9 Elements of DC Voice Thread Assignment
- Digital Literacy Glog Assignment
- Animoto Book Trailer Assignment
- Explore Learning Gizmo Analysis Assignment
- TPACK Online Assignment
- Interactive Whiteboard Presentation
- Google Tools
- Technology for Inclusion
- Robotic Challenge
- Philosophy of Teaching with Technology

ePortfolio & Blog Reflections:	5%
Midterm Exam:	20%
Final Exam:	25%

A grade of C- is required for progression or transfer.

Late penalties

Written assignments are due at the beginning of class and multimedia assignments must be submitted electronically through iLearn by 9:00 PM on the due date. If an assignment or lab is submitted late, students will receive a penalty of 5% per day (including weekends). The second time an assignment is submitted late there is a penalty of 10% per day.

Technical problems will NOT exempt students from the late penalty so plan ahead accordingly.

Grading System

Descriptor	Alpha Grade	4.0 Scale	Percent	Rubric for Letter Grades
Excellent	A+	4.0	> 92.9	Work shows in-depth and critical analysis, well developed ideas, creativity, excellent writing, clarity and proper format.
	A	4.0	85 – 92.9	
	A-	3.7	80 – 84.9	
Good	B+	3.3	77 – 79.9	Work is generally of high quality, well developed, well written, has clarity, and uses proper format.
	B	3.0	74 – 76.9	
	B-	2.7	70 – 73.9	
Satisfactory **Progression**	C+	2.3	67 – 69.9	Work has some developed ideas but needs more attention to clarity, style and formatting.
	C	2.0	64 – 66.9	
	C-	1.7	60 – 63.9	
Poor **Minimum Pass**	D+	1.3	55 – 59.9	Work is completed in a general way with minimal support, or is poorly written or did not use proper format.
	D	1.0	50 – 54.9	
Failure	F	0.0	< 50	Responses fail to demonstrate appropriate understanding or are fundamentally incomplete.

Proposed Schedule of Topics

Week	Weekly Topics	Tuesday Lab	Friday Activities
1	21st Century Teaching Ch1, 1-18 Methods for Tech Teaching Ch2, 39-43 PLN- push/pull technology Ch1, 19-22	Course Intro Create Google accounts Create EDUBlog accounts	Google Doc Tech List
2	Ed Technology Trends Ch 2, 36-39 Rogers Innovation Curve Ch2, 27-29 ePortfolio Intro Ch 11. 273-280	Set Up Edublog ePortfolio template and Blog reflection	ICT online Task (Due Jan 25) *No lecture Jan 18*
3	TPACK Ch1, 16-17 Teaching Info Literacy Ch5, 118-129 Digital Literacy ch 5, 104-118 Copyright Ch5, 118-129	TPACK assignment (Due Feb 1)	Ch3 Jig saw activity (In-class)
4	Multimodal Learning (Ch9, 214-218) Presentation Tools (Ch9, 218-236)	DC Glog (Due Feb 8)	Digital Citizenship Voice Thread Online Task (Due Feb 15) *No lecture Jan 25*
5	Technology and Creativity (Ch 9)	Animoto Assignment (Due Tues Feb 26)	Horizon Report In-class Activity
6	Problem Solving (Ch7, 157-186) Robotics Introduction	Robotics Challenge Part 1 (Due March 1)	**MIDTERM Feb 15**
No class Feb 18-22		
7	Feb 26: Make Me a Maker Feb 27: Coding	Make Me a Maker	Robotics Challenge Part 2 (Due March 1)
8	Blooms Taxonomy, HOTS, & Mindtools (Ch 3,7,12)	Gizmo Analysis (Due Tues March 19)	Robotics Back drop (Due March 8)
9	Relative Advantage	UDL Read & Write Gold (Due March 29)	Ch10 promoting success for all Adobe Connect Session – Synchronous Online Task
10	Lesson Planning Ch 4, 85-99 Sign up for presentation date	ePortfolio & IWB development Time	Interactive Whiteboard presentation development time (no lecture)
11	Learning Theory, Ch, 77-84	ePortfolio & IWB development Time	Guest Speaker IWB
12	IWB presentations	ePortfolio & IWB development Time	IWB presentations
13	IWB presentations	ePortfolio & IWB development Time	IWB presentations
ePortfolio **Due April 5** (no late pass accepted) Philosophy of Technology **Due April 10** (no late pass accepted)		

Please Note:
Date and time allotted to each topic is subject to change.

Throughout the term you can expect 1-2 classes to be taught asynchronously online. For these classes you do not need to attend a lecture, but will complete an online task in lieu of class.

Performance Requirements

Student Responsibilities

It is your responsibility as a student to contact the Office of the Registrar to complete the forms for Withdrawal or Change of Registration, and any other forms. Please refer to the list of important dates as noted in the Academic Schedule in the Keyano College credit calendar.

More specific details are found in the Student Rights and Student Code of Conduct section of the Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Student Code of Conduct Policies.

Student Attendance

Class attendance is useful for two reasons. First, class attendance maximizes a student's learning experience. Second, attending class is a good way to keep informed of matters relating the administration of the course (e.g., the timing of assignments and exams). Ultimately, you are responsible for your own learning and performance in this course.

It is the responsibility of each student to be prepared for all classes. Students who miss classes are responsible for the material covered in those classes and for ensuring that they are prepared for the next class, including the completion of any assignments and / or notes that may be due.

If a student misses a scheduled lab, the assignment is still expected to be submitted in by the posted due date.

Academic Misconduct

Students are considered to be responsible adults and should adhere to principles of intellectual integrity. Intellectual dishonesty may take many forms, such as:

- Plagiarism or the submission of another person's work as one's own
- The use of unauthorized aids in assignments or examinations (cheating)
- Collusion or the unauthorized collaboration with others in preparing work
- The deliberate misrepresentation of qualifications
- The willful distortion of results or data
- Substitution in an examination by another person
- Handing in the same unchanged work as submitted for another assignment

The consequences for academic misconduct range from a verbal reprimand to expulsion from the College. More specific descriptions and details are found in the Student Rights and Student Code of Conduct section of the Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Student Code of Conduct Policies.

In order to ensure your understanding of the concept of plagiarism, you must successfully complete the online tutorial found on ilearn.keyano.ca. Then print the certificate, sign it, and show it to each of your instructors. Your course work will not be graded until you show this signed certificate.

Specialized Supports

The Student Academic Support Services (SASS) department: Accessibility Services, Skill Centre and Wellness Services, work together to support student success at Keyano College.

Accessibility Services (CC167) supports student success through group and individualized instruction of learning, study and test taking strategies, and adaptive technologies. Students with documented disabilities, or who suspect a disability, can meet with the Learning Strategists to discuss accommodation of the learning barriers that they may be experiencing. Students who have accessed accommodations in the past are encouraged to visit our office at their earliest opportunity to discuss the availability of accommodations in their current courses. Individual appointments can be made by calling 780-791-8934

Skill Centre (CC119) provides a learning space where students can gather to share ideas, collaborate on projects and get new perspectives on learning from our tutorial staff. Students visiting the centre have access to one-to-one or group tutoring, facilitated study groups, and assistance in academic writing. The Skill Centre's Peer Tutor program provides paid employment opportunities for students who have demonstrated academic success and want to share what they have learned. Tutoring is available free to any students registered at Keyano College on a drop in basis, from 9:00 am to 5:00 pm Monday through Friday. Additional evening hours are subject to tutor availability and are posted in the Skill Centre.

Wellness Services (CC260) offers a caring, inclusive, and respectful environment where students can access free group and individual support to meet academic and life challenges. Mental Health Coordinators offer a safe and confidential environment to seek help with personal concerns. The Mindfulness Room in CC260 is available as a quiet space for students to relax during regular office hours. Wellness Service welcomes students to participate in any of the group sessions offered throughout the academic year addressing such topics as Mindfulness and Test Anxiety. Individual appointments can be made by calling 780-791-8934.

Please watch your Keyano email for workshop announcements from our Student Academic Support Services team.