



**BRANDON  
UNIVERSITY**

*Founded 1899*

**Brandon University, Faculty of Education  
03:361 Using Technology & Computers in Education (EY/MY)**

May 28-June 21, 2012

May 28-31, 9:00- 3:00 PM June 11-21, 1:00- 4:00 PM

**Instructor:** Glen Gatin, Ed.D

**Email:** ggatin@ggatin.com

**Phone:** 818 574 8759

**Location:** Ashern Elks Hall

**Course Webpage:** <http://bu03361.wikispaces.com/>

**Brief Description:**

The aim of this course is to familiarize prospective teachers with the effective use of the Internet and Information and Communication Technologies (ICT) in administrative and instructional settings.

**Course Objectives:**

By the end of the course, you should be able to:

1. Define and describe concepts relating to the operation of computers and computer networks
2. Describe the digital literacy skills required to teach in today's classrooms
3. Develop a personal philosophy regarding the use of educational technology that incorporates current theory and practice with personal experience
4. Use knowledge of the philosophy, rationale, goals and content of the MB K-8 [Literacy with ICT](#) continuum to infuse ICT into the curriculum.
5. Demonstrate professional responsibilities with regard to ICT use and education, including using technology to assist in assessment, evaluation, productivity and professional practice in a thoughtful, critical manner.
6. Describe use of the Internet in the classroom in support of internet & media literacy. (examples: Web 2.0 applications, search techniques, importance of online presence)
7. Discuss various issues associated with ICT and education. Including ethical and cultural issues, legal issues, safety and cyber bullying.
8. Describe and demonstrate the use of several ICT tools/software, including: productivity applications, graphic organizers, interactive whiteboards, multimedia software and how they can be used to assist in teaching and learning.
9. Create well designed, effective digital presentations (examples: web site, wiki, e-portfolio, digital story, podcast, video, slide-show).

**Administrative Details:**

1. **Contact hours:** this course will meet for a minimum of 36 hours, which will include lectures, laboratory, group presentations, and evaluation time. As the course progresses, group activities will be conducted by means of various online applications introduced throughout the course.
2. **Required Text:** No text is required for this course. All course materials will be available on the course web page.
3. **Required Materials:** All participants must have a multimedia laptop or net-book with web-cam, headset (microphone and speakers) capable of wireless Internet connection. (Qualifying net-books are available from local computer outlets for between \$250.00 and 500.00, less than the cost of textbooks for many courses)
4. **Entry level knowledge & skills:** basic word processing, file-management, web-browser and email skills.
5. **Learning Activities:** You are expected to complete all learning activities on the day they are scheduled. If you have an important event that will not allow you to complete the evaluation task on the scheduled, you must arrange with the instructor before the due date. If you cannot make the evaluation because of an emergency, you must contact the instructor ASAP to make arrangements
6. **Assignments:** Assignments are due on the day given in this outline, unless changed by the instructor. Any assignments that are submitted past the date they are assigned will be penalized each day that they are late. If you are unable to complete an assignment because of circumstances beyond your control, contact your instructor before the assignment is due.
7. **Incomplete Courses**
8. Participants unable to complete the last assignment before the end of term may request a grade of incomplete. To do this you must:
  9. a. pick up a Incomplete form from the Education Office
  10. b. fill it out
  11. c. give it to the instructor.
12. Note that ***you must do this before the end of the term***, Unless there are special circumstances, the time Limit for an incomplete will be three weeks beyond the end of the term.
13. **Originality of Assignments**
14. It is OK to borrow ideas, methods, etc. from other students, books, or journals, but be sure to acknowledge the contributions of others. See Section 4.3.2 on Academic Integrity in the Brandon University Calendar.

### Course Requirements and Methods of Evaluation (projected)

<b>Requirement</b>
<b>A.</b> Establish an electronic class portfolio and post daily reflective entries on course activities
<b>B.</b> Use Voice Over Internet Protocol (VOIP) telephony and associated videoconferencing.
<b>C.</b> Use online collaborative word processing applications
<b>D.</b> Use Google spreadsheets to develop an online quiz with marking rubrics
<b>E.</b> Use Google Maps to create a customized geography lesson
<b>F.</b> Use digital editing applications to create a podcast
<b>G.</b> Create a video presentation demonstrating a web-based application
<b>H.</b> Use collaborative online concept mapping tools

I. Use collaborative online bibliography applications to collect, sort and share resources
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J. Establish a RSS reader to systematically gather and organize online resources
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K. Use web-based applications to create a final presentation
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**Grading**

This class will be assessed on a Pass/Fail basis. In order to pass, class participants must successfully complete all activities to the standard specified in a rubric. Attendance will be monitored and missing classes will result in a fail.