



BRANDON UNIVERSITY

Founded 1899

Faculty of Education

03:361 / Using Technology & Computers in Education (EY/MY)

Spring / 2012 / Term B

Instructor Name: Glen Gatin, Ed.D.

Telephone: 818 574 8759

Email: ggatin@ggatin.com

Course Description: The aim of this course is to familiarize prospective teachers with the effective use of the Internet, Social Media, 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. Demonstrate the digital competencies 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: Social Media, 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).

Required Texts & References:

No text is required for this course. All course materials will be available on the course web page. <http://bu03361.wikispaces.com/>

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)

Additional Resources (internet links): <http://buntep03361.wikispaces.com/>

Course Assignments

Activity	Percent of Mark
A. Establish an electronic class portfolio and post daily reflective entries on course activities	25 %
B. Use Voice Over Internet Protocol (VOIP) telephony and associated videoconferencing.	5 %
C. Using online collaborative word processing	5 %
D. Use Google spreadsheets to develop an online quiz with marking rubrics	5 %
E. Use digital editing applications to create a podcast	5 %
F. Create a video presentation demonstrating a web-based application	5 %
G. Use collaborative online concept mapping tools	5 %
H. Use collaborative online bibliography applications to collect, sort and share resources	5 %
I. Establish a RSS reader to systematically gather and organize online resources	5 %
J. Use web-based applications to create a final presentation	35%

Course Grade Evaluation:

Practical assignments will be assessed using a rubric. Attendance may influence grading.

Proposed Class Schedule:

Monday –Thursday 1:30- 4:00 April 2-26, 2012

Instructor suggestions for getting the most out of the course:

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

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.

Incomplete Courses: Participants unable to complete the last assignment before the end of term may request a grade of incomplete by applying in writing.

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. See Section 4.3.2 on Academic Integrity in the Brandon University Calendar.