MT349: Collaborative Computing  
Credits 3  Summer, 2013

Instructor: Constantine Hantzis  
email: hantzis@bc.edu  
Office: McGuinn 100  
Office Hours: Per request  
Skype: dchantzis  
Schedule: Monday, Wednesday 6:15 to 9:15 PM  
Room: Online Only

Boston College Mission Statement

Strengthened by more than a century and a half of dedication to academic excellence, Boston College commits itself to the highest standards of teaching and research in undergraduate, graduate and professional programs and to the pursuit of a just society through its own accomplishments, the work of its faculty and staff, and the achievements of its graduates. It seeks both to advance its place among the nation's finest universities and to bring to the company of its distinguished peers and to contemporary society the richness of the Catholic intellectual ideal of a mutually illuminating relationship between religious faith and free intellectual inquiry.

Boston College draws inspiration for its academic societal mission from its distinctive religious tradition. As a Catholic and Jesuit university, it is rooted in a world view that encounters God in all creation and through all human activity, especially in the search for truth in every discipline, in the desire to learn, and in the call to live justly together. In this spirit, the University regards the contribution of different religious traditions and value systems as essential to the fullness of its intellectual life and to the continuous development of its distinctive intellectual heritage.

Course Description

This immersive education course extends knowledge and improves skills in the use of industry standard business software, supplemented with a detailed overview of server and workstation hardware. Students explore the collaborative use of versatile and powerful state-of-the-art applications. Topics include proprietary and open source operating systems, word processing, spreadsheet and presentational applications, hardware interfaces, backup schematics, network applications and protocols, including SSH, HTTP, FTP, DNS, POP3/IMAP Mail Transfer Agents, and client/server remote connect applications, web publishing, compression utilities, collaborative document concepts, and the design and structure of data files.

Course Objectives

1. Students will learn to apply course material (to improve thinking, problem solving, and decision making) regarding the health effects of lead poisoning, and help to educate local homeowners, landlords, and residents of the risks associated with lead contamination.
2. Students will develop specific skills and competencies using well-established protocols to collect paint, dust, and soil samples from area homes, and to assess and contrast competing analytical techniques for sensitively measuring lead levels, a view needed by
professionals in the field most closely related to this course

3. The student will demonstrate competency, across cultural settings and will learn the impact of culture, gender, socioeconomic status and age in chemical effects of lead and lead poisoning as demonstrated by using techniques developed to test for lead in underserved communities and the impact upon these populations.

2. The student will demonstrate ethical knowledge, pertaining to how lead contamination affects individuals, families, communities, and society, as demonstrated by the use a journal entry to reflect on the experience of applying one’s professional skills to the betterment of society.

**Grading**

The following input will be used in assessing each student’s letter grade for the course:
- Participation in class discussions
- Professionalism in conducting risk-surveys and risk-assessments
- Lab report on lead levels in a tested home (written for the non-expert resident)
- Journal reflections on experiences in community. Each reflection should contain your reflection upon one or more of the following virtues: Intellectual Integrity, Commitment to Social Contribution and Moral Courage.
- Mock newspaper article to inform public of health risks associated with lead exposure.
- Final Paper addressing strategies for reducing health risks in our community with special focus on why we address these concerns at a faith-based university.

**WCAS Grading System**

The undergraduate grading system consists of twelve categories: A (4.00), A- (3.67), excellent; B+ (3.33), B (3.00), B- (2.67), good; C+ (2.33), C (2.00), C- (1.67), satisfactory; D+ (1.33), D (1.00), D- (.67), passing but unsatisfactory; F (.00), failure; I (.00), incomplete; F (.00), course dropped without notifying office; W (.00), official withdrawal from course. The graduate grading system is A (4.00), A- (3.67), Excellent; B+ (3.33), B (3.00), good; B- (2.67) and C (2.00), passing but not for degree credit; F (.00), failure.

Grade Reports. All students are required to log into the web through Agora to access their semester grades. Students must utilize their BC username and password to log on. If your username or password is not known, the Student Learning and Support Center in the O’Neill Library Computer Center will issue a new one. The SLSC requires a valid picture ID (a BC ID, driver’s license or passport) to obtain your password.

**Text(s)/Readings (Required)**

All online content can be accessed at [http://immersiveeducation.org/@/bc/](http://immersiveeducation.org/@/bc/)

**Text(s)/Readings (Recommended)**

All recommended content can be accessed at [http://immersiveeducation.org/@/bc/](http://immersiveeducation.org/@/bc/)
Important Policies
http://www.bc.edu/content/bc/schools/advstudies/guide/academicinteg.html

Written Work
Graduate and undergraduate students are expected to prepare professional, polished written work. Written materials must be typed in the format required by your instructor. Strive for a thorough, yet concise style. Cite literature appropriately, using APA, MLA, CLA format per instructors decision. Develop your thoughts fully, clearly, logically and specifically. Proofread all materials to ensure the use of proper grammar, punctuation, and spelling. You are encouraged to make use of campus resources for refining writing skills as needed [http://www.bc.edu/libraries/help/tutoring.html].

Scholarship and Academic Integrity
It is expected that students will produce original work and cite references appropriately. Failure to reference properly is plagiarism. Scholastic dishonesty includes, but is not necessarily limited to, plagiarism, fabrication, facilitating academic dishonesty, cheating on examinations or assignments, and submitting the same paper or substantially similar papers to meet the requirements of more than one course without seeking permission of all instructors concerned. Scholastic misconduct may also involve, but is not necessarily limited to, acts that violate the rights of other students, such as depriving another student of course materials or interfering with another student’s work.

Disability Statement
Classroom accommodations will be provided for qualified students with documented disabilities. Students are invited to contact the Connors Family Learning Center office about accommodations for this course. Telephone appointments are available to students as needed. Appointments can be made by calling, 617-552-8903. You may also make an appointment in person. For further information, you can locate the disability resources on the web at http://www.bc.edu/content/bc/libraries/help/tutoring/specialservices.html.

Attendance
Class attendance is an important component of learning. Students are expected to attend all classes and to arrive by the beginning of and remain for the entire class period. When an occasion occurs that prevents a student from attending class, it is the student’s obligation to inform the instructor of the conflict before the class meets. The student is still expected to meet all assignment deadlines. If a student knows that he or she will be absent on a particular day, the student is responsible for seeing the instructor beforehand to obtain the assignments for that day. If a student misses a class, he or she is responsible for making up the work by obtaining a classmate's notes and handouts and turning in any assignments due. Furthermore, many instructors give points for participation in class. If you miss class, you cannot make up participation points associated with that class. Types of absences that are not typically excused include weddings, showers, vacations, birthday parties, graduations, etc. Additional assignments, penalties and correctives are at the discretion of the instructor. If circumstances necessitate excessive absence from class, the student should consider withdrawing from the class. In all cases, students are expected to accept the decision of the instructor regarding attendance policies specific to the class.
There may be circumstances that necessitate a departure from this policy. Feel free to contact the WCAS at 617-552-3900 for consultation.

**Deadlines**
Assignments are due at the beginning of the class period on the specified dates. Late assignments will be graded accordingly.

**Course Assignments (readings, exercises and/or experiences)**

This is a three credit class that meets online for 3 hours per week. In addition we will make use of Google Groups chat/discussion per outline below.

It is expected that 8 hours per week of your study time out will be spent on out of class assignments and exercises. These are listed below. Please note that some weeks will require more time and some weeks less time but the average is approximately 8 hours per week over the semester.

All course content and assignments can be accessed at [http://immersiveeducation.org/@/bc/](http://immersiveeducation.org/@/bc/)