EXPANDED COURSE DESCRIPTION
ELECTRICAL ENGINEERING AND COMPUTER SCIENCE
Lassonde School of Engineering
Electrical Engineering Computer Science
LE / EECS 4080 3.0 SECTION A
COMPUTER SCIENCE PROJECT
FALL 2019 / WINTER 2020

COURSE CALENDAR DESCRIPTION
A project in computer science chosen in consultation with, and supervised by, a member of the department. Prerequisites: cumulative GPA of 4.50 or better over all major EECS courses (without second digit "5"); LE/EECS 2030 3.00 or LE/EECS 1030 3.00; permission of the Instructor. Normally restricted to students who have taken 36 credits in computer science. Course credit exclusions: LE/EECS 4081 6.00, LE/EECS 4082 6.00, LE/EECS 4084 6.00, LE/EECS 4088 6.00, LE/EECS 4480 6.00, LE/ENG 4000 6.00. PRIOR TO FALL 2014: Course credit exclusions: LE/CSE 4081 6.00, SC/CSE 4081 6.00, LE/CSE 4082 6.00, SC/CSE 4084 6.00, SC/CSE 4088 6.00, LE/CSE 4480 6.00, SC/CSE 4480 6.00, LE/EECS 4700 6.00, LE/CSE 4700 6.00, SC/ENG 4000 6.00, SC/ENG 4000 6.00.

INSTRUCTOR(S)

<table>
<thead>
<tr>
<th>Name</th>
<th>Section / Format / Term</th>
<th>Contact Email</th>
<th>Contact Phone</th>
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<tbody>
<tr>
<td>Tsotsos, John K</td>
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<td>York Ext. 70135</td>
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ADDITIONAL INFORMATION
This is a course for advanced students, normally those in the fourth year of an honours program, or students who have passed 36 computer science credits.

Students who have a project they wish to do need to convince a member of the faculty in the Department that it is appropriate for course credit and have them agree to be their supervisor. Alternatively, students may approach a faculty member (typically, one who is teaching or doing research in the area of the project) and ask for project suggestions.

Whatever the origin of the project, a “contract” is required. It must state the scope of the project, the schedule of work, the resources required, and the criteria for evaluation. The contract must be signed by the student and his/her project supervisor and be acceptable to the course director.

The course coordinator, student and supervising faculty member should each retain a copy of the agreed-upon description of the course, and relevant details should be entered into the student’s record via the student information system (SIS).

A critical course component that must be included in the contract is a formal seminar presentation. The course director will arrange the seminar sessions, and students and their faculty supervisors are required to participate. The seminar talks will have a typical length of 15-20 minutes, and will be evaluated by the individual supervisor, the course director and one more faculty member. This talk will be worth 30% of the final mark. The remaining 70% of the course mark is the responsibility of the individual supervisor.

Link to project contract template:

COURSE LEARNING OUTCOMES
The actual nature of the project will vary from student to student. However, after successful completion of the course, students are typically expected to be able to:

1. Apply the knowledge they have gained in other computer security courses to a real-world system.
2. Articulate the questions that a particular area of research in computer science attempts to address.
3. Conduct independent research in some aspect of computer science.
4. Prepare a professional presentation that outlines the contributions they made to the project and the knowledge acquired during the project.

EVALUATION SCHEME

Final Presentation: 30%
Course work according to approved contract: 70%

ACADEMIC INTEGRITY LINKS
- Senate Policy on Academic Honesty - http://secretariat-policies.info.yorku.ca/policies/academic-honesty-senate-policy-on/
- Academic Integrity - http://lassonde.yorku.ca/academic-integrity

STUDENT LINKS
- Student Rights and Responsibilities - http://oscr.students.uit.yorku.ca/student-conduct
- Religious Observance - https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs
- Student Accessibility Services (SAS) - https://accessibility.students.yorku.ca/
- York University’s Policies on Gender/LGBTQ*/Positive Space - http://rights.info.yorku.ca/lgbtq/

LAND ACKNOWLEDGEMENT
- We acknowledge our presence on the traditional territory of many Indigenous Nations. The area known as Tkaronto has been care taken by the Anishinabek Nation, the Haudenosaunee Confederacy, the Huron-Wendat, and the Métis. It is now home to many Indigenous Peoples. We acknowledge the current treaty holders, the Mississaugas of the New Credit First Nation. This territory is subject of the Dish With One Spoon Wampum Belt Covenant, an agreement to peaceably share and care for the Great Lakes region.
- The Indigenous Framework for York University: A Guide to Action can be found here: http://indigenous.info.yorku.ca/
- Meaning of a land acknowledgement: http://healthydebate.ca/opinions/indigenous-land-acknowledgements

Many courses utilize Moodle, York University’s course website system. If your course is using Moodle, click here to access it.

Moodle @ York University