

APPLICATION FOR CIS*4900/4910
(to be completed at pre-registration time by the student)

1. Name: Patrick Houlding Tel. #: 416-879-0600
I.D. #: 0891259 E-mail Address: phouldin@uoguelph.ca
2. Computer Science courses taken (minimum 10): CIS1500,CIS2500,CIS2520,CIS2750,CIS1910,CIS2910
CIS3490,CIS2170,CIS2430,CIS2030,CIS3110,CIS3000,CIS3760,CIS3190,CIS4900
3. Other relevant courses: _____
4. Area of interest (describe): Artificial Intelligence, exploring Deep Learning in relation to data sets and user modelling
Suggest title and appropriate literature: Deep Learning: Ian Goodfellow, Yoshua Bengio
Technical Foundations of Informatics: Michael Freeman, Joel Ross
- Open to topic suggested by a faculty member? (Circle) Yes No
5. Estimated resources (type of computing, equipment, etc.) required: none
(a) Hardware supplied by student or supervisor: n/a
(b) Hardware supplied by School: n/a
(c) Software supplied by student or supervisor: n/a
(d) Software supplied by the School: n/a
(e) Network connections supplied by department: n/a
6. With this application completed, please approach the faculty member you feel is most appropriate. The Faculty member you approach may not be available or may be too heavily committed to do CIS*4900/4910. This application is to assist you in finding one.
7. When you have found a supervisor, you are required to submit to the Director of the School of Computer Science, your completed application form with a brief description of what you are intending to do, the result to be expected and a method of evaluation. You should be aware that the Director will not approve a project after the fifth day of class.
8. A grade of 0% will be recorded if the project report and final grade are not submitted to the School, on or before the deadline (3 days before exams end). The grade submission must accompany the project report.
9. The supervising and assisting faculty members both assume responsibility for grading the report and determining a grade before the deadline.

Date: _____ Supervising Faculty Signature: _____

A copy of this form must be forwarded to the Director's Office by the fifth day of class.

Date: _____ Director's Signature: _____

Date: _____ Systems Manager Signature: _____

Name of second faculty member chosen by the Director: _____

Date: _____ Assisting Faculty Signature: _____

Final Grade: _____ Copy kept on file in the School of Computer Science

SCHOOL OF COMPUTER SCIENCE

CIS*4900/4910 Course Outline

Objective

To provide an opportunity to pursue in depth a specific idea or topic in Computing and Information Science which is not handled within the regular curriculum.

1. Prerequisite and Requirements

- (a) CIS*4900 – Minimum 7.0 CIS credits
CIS*4910 – CIS*4900
- (b) Availability of supervising faculty member

2. Faculty Member/Student

- (a) It is the student's responsibility to declare his/her interest in doing this course. It is strongly recommended that this be done at pre-registration time. The supervising faculty member should be agreed upon and the scope and outline of the project decided before the semester starts.
- (b) An application form for CIS*4900/4910 must be submitted to the School before the "add" deadline. This form should be accompanied by a half-page project description and the results to be expected. The particular method of evaluation should be explained, as agreed with the supervisor.
- (c) The request form and explanation of the project must be approved by the Director.
- (d) A second reader (besides the project supervisor) will be chosen by the Director.
- (e) A mid-term progress report (one page) is required in the office by the 7th week.
- (f) A final report is mandatory; it is due 1 week before the end of exams.
- (g) A final project demonstration is normally required 1 week before exams end.
- (h) The project supervisor and second reader must agree on a final mark to be submitted 3 days before exams end, at the latest. The supervisor shall assume responsibility for submitting the grade to the School's office.
- (i) The supervisor can be expected to spend up to 1-2 hours/week.
- (j) The student should plan to spend 8 to 9 hours/week on the course.

3. Project Documentation

- (a) A final report of the project is required at least 1 week before the end of exams in which the results of the project work must be documented. This should typically include Objective and Scope, Methodology, Analysis, Program Listings, etc., and the results of the project study. In cases where electronic files are used, a hard copy must also be provided.