University of Windsor – School of Computer Science
COMP 8700: Introduction to Artificial Intelligence – Fall 2020

Instructor: Dr. Dan Wu
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Lectures:
Mondays: 1130-1420, @BB Virtual classroom

Office hours:
Wednesdays: 1430-1630, @BB Virtual classroom

Examination
Final Examination: TBA

Prerequisites:
Prerequisite: B.Sc. (Hons., Computer Science) or permission of instructor.

Course Description
This course covers fundamental concepts in Artificial Intelligence including problem solving, knowledge representation and reasoning, planning, learning and natural language understanding. (Prerequisite: B.Sc. (Hons., Computer Science) or permission of instructor.)

Textbook:
Stuart Russel, Peter Norvig, Artificial Intelligence: a modern approach, 3rd. edition, Pearson.
Nils J. Nilsson, The Quest for Artificial Intelligence, A History of Ideas and Achievements, Web Version: https://ai.stanford.edu/~nilsson/QAI/qai.pdf

Evaluation scheme:

Assignments	30%
Presentations	25%
Project(s)	45%

Grading

The university is now using a new 100% grading system according to the following Senate Policy:
http://www.uwindsor.ca/secretariat/sites/uwindsor.ca.secretariat/files/grading_and_averages.pdf

Only numeric final grades will be issued to students and all grades below 50% are considered failures.

For more details, please refer to the current undergraduate calendar at
http://web4.uwindsor.ca/calendar

Tentative Contents

Lecture Topic (tentative)
AI from a historical perspective
Agents
Search
Logic
Uncertainty Reasoning
Neural Networks/Deep learning

STUDENT RECORDING OF LECTURES

Course materials prepared by the instructor (Live/Streamed lectures, Lecture notes, PowerPoint slides or other digital presentations, Labs, Class assignments, Exams, Quizzes, Projects and, supplemental materials or other digital course materials) are considered by the University to be an instructor's intellectual property covered by the Copyright Act, RSC 1985, c C-42. These materials are made available to you for your own study purposes, and cannot be shared outside of the class or "published" in any way. Students who do not have the necessary accommodations are not permitted to record lectures in any format (audio, video, photograph, etc.). Posting course materials or any recordings you may make to other websites without the expressed permissions of the instructor will constitute copyright infringement and subject to legal action

Rules and Regulations

1. **Both** the assignments and the project must be submitted/presented in order to obtain a grade for the course.
2. Extensions for assignments or project will not be made, except for medical conditions, in which case, the supporting documentation must be provided.

Requirements about Doctor's note

3. From September 10 - December 22, 2020, all students (except those in the JD, Dual JD and Nursing programs, who are asked to follow their Faculty's procedures) will be asked to report any illness through UWinsite Student. For how-to information, please read this ask.UWindsor article.
4. If any student is caught adopting unfair means (e.g. plagiarism), the student will face **serious consequences** including official disciplinary procedures. Please refer to Senate Bylaw 31 for important information on academic integrity.
5. Student Evaluation of Teaching (SET) will be arranged during the last two weeks of the class Schedule online.