Last updated January 6, 2020

CSC384 – Introduction to Artificial Intelligence, Winter 2020

Course Information
Sections: LEC0101, LEC0201/2001, LEC5101

Instructors:	**Bahar Aameri**	**Sonya Allin**
Office:	TBD	TBD
Office Hours:	TBD	TBD
Email:	csc384-2020-01@cs.toronto.edu	csc384-2020-01@cs.toronto.edu
TAs:	TBD	TBD

Communication: Questions and discussion should occur on Piazza. Issues of a personal nature should be directed to the instructor via email or at an office hour. Please put [384] in the subject header.

Course Web Page: http://www.teach.cs.toronto.edu/~csc384h/winter/
Piazza: https://piazza.com/utoronto.ca/winter2020/csc384/home
MarkUs: TBD

**** ANNOUNCEMENTS WILL BE MADE THROUGH PIAZZA AND THE COURSE WEB PAGE. IT IS YOUR RESPONSIBILITY TO MONITOR THESE FORUMS FREQUENTLY. ****

Lectures & Tutorials
LEC0101: Mon, Wed, Fri 1:00 - 2:00 pm
BA 1190 (Bahen Centre, 40 St. George Street)
LEC0201/2001: Mon, Wed, Fri 3:00 - 4:00 pm
KP 108 (Koffler House, 569 Spadina Crescent)
LEC5101: Wed 6:00 - 9:00 pm
BA 1190 (Bahen Centre, 40 St. George Street)

****** Plan to attend all 3 hours of contact time. The final hour each week will regularly be used for lectures. ******

Recommended textbook (not required):

- Stuart Russell and Peter Norvig, Artificial Intelligence: A Modern Approach, 3rd edition, Prentice Hall, 2010
  - 2 copies are on 24 hr reserved in the Engineering & Computer Science Library.
  - Lecture notes cover much of the course material.

Other Recommended books:

- Knowledge Representation and Reasoning. Brachman & Levesque. 2004.
- Computational Intelligence: A Logical Approach. Poole, Mackworth & Goebel, 1998.
- Artificial Intelligence Foundations of Computational Agents, Poole & Mackworth, 2010. Text and more available online: http://artint.info/.

Important Administrative Dates (Unofficial)
Winter Break (no class): February 17 - 21
Drop Deadline: March 15
Last day of classes: Friday, April 3
Final exam period: April 6 – 30

Topics Covered:

1. Introduction to Artificial Intelligence
2. Search (Uninformed, Heuristic, Game-tree)
3. Constraint satisfaction
4. Knowledge representation and reasoning
5. Representing and reasoning with uncertainty (Bayes Nets)

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Course Grading Scheme

Item	Topic	Weight	Tentative Date Out	Tentative Due Date
Assignment 1	Search	11%	January 20	February 4
Assignment 2	Constraint Satisfaction	11%	February 3	February 25
Midterm		16%	February 12	
Assignment 3	Game Tree Search	11%	February 24	March 10
Assignment 4	Uncertainty	11%	March 16	April 3
Final Exam		40%	Exam Period	Exam Period

**** Assignment and test dates are tentative and may be updated ****

Grading Summary: Assignments: 44%, Midterm: 16%, Exam: 40%

- All assignments are to be done individually.
- You must receive at least **40%** on the final exam in order to pass this course.

IMPORTANT: If you are unable to attend the midterm test due to schedule conflicts, send a request for writing the make-up test to csc384-2020-01@cs.toronto.edu. In your request, explain why you cannot attend the test during the scheduled time and include **supporting documents** (e.g, screenshots of your weekly schedule that shows **your name**). The **deadline** for requesting the make-up test is **Jan 20.** The ***Make-up*** test will be on **the same date** as the regular test, but on a different time. If your request for the make-up test **is not approved ahead** of the midterm test, you will **not be permitted** to write the make-up test, and will receive a zero for the midterm test.

Academic Offences

Plagiarism -- or simply, cheating -- is taken to be the handing in of work not substantially the student's own. It is usually done without reference, but is unacceptable even in the guise of acknowledged copying. It is reprehensible, and the penalty will be severe.

It is not cheating, however, to discuss ideas and approaches to a problem. Indeed, a moderate form of collaboration is encouraged as a useful part of any educational process. Nevertheless, good judgment must be used, and students are expected to present the results of their own thinking and writing. Never copy another student's work -- it is plagiarism to do so, even if the other student "explains it to you first." Never give your written work to others. Sharing work with others for the purposes of plagiarism is also a violation. Do not work together to form a collective solution, from which individuals copy out the final solution. Rather, walk away and recreate your own solution later. Please read the faculty's Rules and Regulations regarding the code of behaviour on academic matters:

http://www.artsci.utoronto.ca/osai/The-rules/code/the-code-of-behaviour-on-academic-matters

Late Policy

- Late assignments will be handled based on a system of "grace days", as follows: Each student begins the term with three grace days. An assignment handed in from one minute to 24 hours late uses up one grace day. An assignment handed in 48:01 to 72 hours late uses three grace days.
- Once you have exhausted your grace days, the penalty is 10% of the assignment total grade for each day.
- The grace days are intended for use in emergencies (e.g., hard drive crash, printer failure or TTC breakdown). Do not use them to buy an extension because of a busy week or you will be out of luck in a true emergency.

Silent Policy

A silent policy will take effect 24 hours before an assignment is due. This means that no question about the assignment posed after that point will be answered, whether it is asked on the Piazza, by email or in person.

Illness

In the event of an illness or other catastrophe, get proper documentation (e.g., medical certificate), but if you have grace days left, use them. If you need those days back later, give your documentation to the instructor at that time.