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CSC384 - Introduction to Artificial Intelligence, Fall 2020

Course Information

Sections: L 101, L 2001, L 201

Instructor:	Fahiem Bacchus
Office:	On-line only this term
Office Hours:	ТВА
Email:	fbacchus@cs.toronto.edu

Emailing: Discussion and questions about assignments should occur on Piazza. Questions about course material can also be asked and answered during tutorials and during office hours...this is generally more effective than Piazza.

Course Page: On Qercus

Piazza Instance: https://piazza.com/utoronto.ca/fall2020/csc384/
https://markus.teach.cs.toronto.edu/csc384-2020-09

Tutorials

Synchronously on Fridays 13:00—14:00 via BB-Collaborate. Starting Sept 18th.

Lectures

Available online for aysnchrous viewing.

*** You might on occasion (at most 3-4 times) be required to be available MW 13:00—14:00. ***

Textbooks

Recommended textbook (not required):

- Stuart Russell and Peter Norvig, Artificial Intelligence: A Modern Approach, 3rd edition, Prentice Hall, 2010
 - Lecture notes cover the course material but this text covers other material not covered in the course.
 - o If you're buying a book for long-term use, buy the 3rd edition, but the 2nd edition will be an adequate resource if you can access one more affordably.

Other Recommended books:

 Artificial Intelligence Foundations of Computational Agents, Poole & Mackworth, 2010. Text and more available online: http://artint.info/.

Important Administrative Dates

Thanksgiving Public Holiday: October 12

Fall Reading Week: Nov 9 – 13 Last day of classes: December 9

Topics Covered:

- 1. Search (Uninformed, Heuristic, Game-tree)
- 2. Logical representations and reasoning (Constraint Satisfaction Problems, Knowledge Representation)
- 3. Representing and reasoning with uncertainty (Hidden Markov Models, Bayes Nets)

Course Grading Scheme

Item	Weighting
Assignment 1	10%
Assignment 2	10%
Assignment 3	10%

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

Assignment 4	10%
Quizzes	15%
Term Test 1	22.5%
Term Test 2	22.5%

Grading Summary: Assignments: 40%, Term tests (2) 45%, Quizzes (approx. 8) 15%

• All assignments, quizzes and tests are to be done individually.

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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 behavior on academic matters:

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

Late Policy

You will have a total of 3 grace days for the assignments. The grace days can be used as you wish to extend the due
date of any assignment. Once you are past the due time you have expended one grace day. If you have used up all
grace days your assignment will no longer be accepted.

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

To be granted an assignment extension or other consideration due to illness (including issues of mental health) this term you do not require a doctor's note but you must fill in the absence declaration form on ACORN and you must inform the course instructor of your need for accommodation and the extent of the accommodation must be agreed upon.