

CSC384: Introduction to Artificial Intelligence

Welcome to CSC384! This course will provide a survey of general topics in artificial intelligence, both classical and contemporary. It consists of a two-hour lecture and a one-hour tutorial each week, as well as selected readings from the text.

Instructor Information

Name	Office	Phone	Email
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Course Website

Information pertaining to this course will be available off of the course website:

<http://www.utm.utoronto.ca/csc384>

This website is required reading, and will have course announcements & materials, relevant readings, assignment & project information, as well as other course details.

Textbook

The only required textbook for this course is *Artificial Intelligence: A Modern Approach*, (2nd edition) by Russell & Norvig, available in the bookstore. Other suggested sources will be available off the course website for supplemental reading, but are not required.

Course Breakdown

Component	Weight
Assignments (3 total, 10% each)	30%
Project (5% proposal, 25% final product)	30%
Final Exam	40%

- There is no midterm for this course.
- The project will be a large programming task of your choosing in the area of artificial intelligence. A proposal is required for this project, to make sure that the task you take on is reasonable, and to provide feedback.
- The assignments are due at 9:00am on the due dates specified on the next page. Any assignments handed in after 9:00am will be considered late. The coded portion will be submitted online at:

<http://www.utm.utoronto.ca/submit>

Important Dates

Date	Event
Sept 11	Classes start
Oct 6	A1 due
Oct 9	Thanksgiving
Oct 13	Project proposal due
Oct 27	A2 due
Nov 17	A3 due
Dec 1	Project due
Dec 8	Classes end

You will be allowed one grace day for the entire term. Once, and once only, you will be allowed to submit an assignment 24 hours late. In the case where more than one assignment is submitted late, only the first one will be marked.

Academic Offenses

Plagiarism is very bad. Please don't do it. It just makes things unpleasant for everybody involved. In case you need clarification on the university's policies on plagiarism, please consult the *Code of Behaviour on Academic Matters*, under *Codes and Policies* from this website:

<http://www.erin.utoronto.ca/regcal/WEBcalendar.html>

Course Content

The following is a very rough outline of the general topics for this course. I reserve the right to alter this schedule at any time without notice:

Week	Topic
1	Intro to AI, Agents
2	Searching
3	Game Playing
4	Reasoning
5	Planning
6	Expert Systems
7	Probability for AI
8	Language (CFGs)
9	Language (HMMs)
10	Machine Learning
11	Neural Networks
12	Vision
13	Assorted AI Topics, Review