

# CSC384H1Y 20245 LEC5101: Introduction to Artificial Intelligence

CSC 384 Introduction to Artificial Intelligence  
University of Toronto

Term: Summer 2024

Instructors:

[Randy Hickey](#)

## Grading Scheme

You must obtain a **minimum grade of 40%** on the final exam to **pass** this course.

Grading Scheme

Component	Percentage of Final Grade
4 Assignments	10% each, up to a total of 35%
4 Tests	5% each, 20% in total
Final Exam	45%

## Lectures

- LEC 5101: 6-9 pm. Tuesday in BA 1130.

# Course Schedule

This course consists of five modules/topics: Search, Games, Constraint Satisfaction Problems (CSP), Uncertainty, and Knowledge Representation (KR). Each module has several lectures and a test (except that KR doesn't have a test). The tests will occur during the lecture time slots.

See the detailed course schedule below.

May 7	First Class
May 22	Assignment 1 posted
May 28	Test 1 (State Space Search)
June 5	Assignment 1 due
June 5	Assignment 2 posted
June 11	Test 2 (Game Tree Search)
June 18	no class
June 25	no class
July 3	Assignment 2 due
July 3	Assignment 3 posted
July 9	Test 3 (Constraint Satisfaction)
July 22	Drop Deadline
July 24	Assignment 3 due
July 24	Assignment 4 posted
July 30	Test 4 (Bayes Nets)
August 7	Assignment 4 due

Please check [the A&S page](#) for the final exam schedule.

## Assignments

This course will require you to complete four substantial programming assignments. You will submit the assignments on MarkUs (available soon).

The assignments are individual. All the work you submit must be your own.

# Course Learning Outcomes

By the end of the course, students should thoroughly understand many of the fundamental algorithms in classical artificial intelligence, including how to prove important properties about them. Through assignments, students will have demonstrated they can independently implement many of the fundamental algorithms in classical artificial intelligence and apply them to solve real problems.

## Recommended Textbook

Stuart Russell and Peter Norvig, Artificial Intelligence: A Modern Approach, 3rd Edition.

The textbook is not required. We will post lecture slides before class.

## Getting in Touch:

There are a few ways of getting in touch with the course staff.

- Piazza: <https://piazza.com/utoronto.ca/summer2024/csc384>
  - access code: fseeztfyig5
- Course email address: [csc384-2024-05@cs.toronto.edu](mailto:csc384-2024-05@cs.toronto.edu)

We will make important announcements on Piazza. Therefore, **we strongly suggest you check Piazza daily**. The course staff, especially Randy, will check Piazza daily and aim to respond to questions within 48 hours.

Please follow these rules when you contact us:

- Your best option is to post a question on Piazza. If the post contains hints for assignments/tests or personal information, please make it private. We will aim to respond to you within 48 hours.

- If your question is about a test remark request, follow the instructions in the Remark Request section below.
- If your question is a special consideration request, follow the instructions in the Special Consideration Requests section below.

## Instructor Office Hours:

Please come and talk with us during the instructor's office hours. We can chat about course materials or anything else. However, we will prioritize students who have course-related questions.

- Randy's office hours:
  - In-person OH: Tuesday, 4:45-5:45 pm, BA 3289.

## Remark Requests:

Please submit a remark request if you discover a marking error on an assignment or test. We will consider remark requests up to one week after we release the marks for an assignment or a test.

- For assignments, please submit remark requests on MarkUs.
- For tests, please fill out the [remark request form](#) and send the completed form to the **course email** address.
  - The email subject should be "Test XXX Remark Request, FirstName, LastName, UTORID."
  - For example, "Test 3 Remark Request, Randy Hickey, rickey123"

## Special Consideration Requests:

If you cannot complete an assignment on time or write a test due to extraordinary circumstances beyond your control, please apply for a

Special Consideration by filling out [the special considerations form](#) and sending it to the **course email** with your supporting documentation.

**Valid** reasons to apply for a special consideration request:

- Late course enrollment
- Medical conditions (i.e., physical/mental health, hospitalizations, injury, accidents)
- Non-medical conditions (i.e., family/personal emergency)

**Invalid** reasons to apply for a special consideration request:

- Heavy course load
- Multiple assignments are due in the same week.
- Multiple tests are scheduled in the same week.
- I need to catch up on missed work.

If you have difficulty managing stress and time, don't hesitate to contact your college registrars, who can suggest wellness counselling, academic advising, and/or learning strategist services.

Our special considerations policies are as follows.

- If you miss a test, we will typically shift the test's weight to a future or final exam.
- For your first special considerations request regarding an assignment, we will grant a standard 2-day extension. Subsequent requests will be considered at the discretion of the instructors.
- If you are registered with accessibility services, your letter of accommodation will allow for an extension of up to 7 full days. However, due to the incremental nature of CS courses, granting such a long extension from the onset may cause you to fall behind and be disadvantaged. As such, we will start by suggesting an initial 3-day extension. We will grant the 7-day extension later if necessary.

# Academic Integrity:

Academic integrity is essential to the pursuit of learning and scholarship in a university and ensuring that a degree from the University of Toronto is a strong signal of each student's academic achievement. As a result, the University treats cheating and plagiarism very seriously. The University of Toronto's [Code of Behaviour on Academic Matters](#) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences. Potential offences include, but are not limited to:

In papers and assignments:

1. Using someone else's ideas or words without appropriate acknowledgement;
2. Submitting your own work in more than one course without the permission of the instructor;
3. Making up sources or facts;
4. Obtaining or providing unauthorized assistance on any assignment.

On tests and exams:

1. Using or possessing unauthorized aids;
2. Looking at someone else's answers during an exam or test;
3. Misrepresenting your identity; and
4. When you knew or ought to have known you were doing it.

In academic work:

1. Falsifying institutional documents or grades;
2. Falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes; and
3. When you knew or ought to have known you were doing so.

All suspected cases of academic dishonesty will be investigated following procedures outlined in the Code of Behaviour on Academic Matters. If students have questions or concerns about what constitutes appropriate academic behaviour or appropriate

research and citation methods, they are expected to seek out additional information on academic integrity from their instructors or from other institutional resources.

## Student Support Resources

- [CSC Wellness Resources](#)
- [My SSP](#)
- [Accessibility Services](#)
- [Student Life](#)
- [Recognized Study Groups](#)