CSCI–4150 Introduction to Artificial Intelligence
Fall 1999

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classroom:	Russell Sage 5101
times:	Tuesday and Thursday 10:00am - 11:50am
prerequisite:	CSCI–2300 Data Structures and Algorithms
texts:	Russell and Norvig, "Artificial Intelligence: A modern approach"
	(optional) Grillmeyer, "Exploring Computer Science with Scheme"
www:	`http://www.cs.rpi.edu/courses/fall99/ai`

Course description

This course is an introduction to the theory and practice of Artificial Intelligence. We will be studying techniques for solving problems and making intelligent decisions. The first half of the course will focus on the foundations of Artificial Intelligence: search and logic. The second half will focus on several different machine learning techniques. We will address knowledge representation and uncertainty in conjunction with several topics.

Students will be implementing many of the algorithms we cover in programming assignments. The implementation language for these assignments will be Scheme (a dialect of LISP) which will be taught in the first two weeks of the class.

Class policies

Grading

There will be a midterm, a final exam, and eight assignments, all of which will contain some programming component. Your grade will be determined as follows:

9%	Assignments 1 and 2 (4.5% each)
54%	Assignments 3–8 (average of 9% each)
12%	Midterm examination
25%	Final examination

Academic honesty

I encourage you to discuss readings and assignments and to prepare for examinations with others. However, I expect that any assignment or examination that you turn in to be your own work — the product of your understanding of the course material and your own efforts in completing the assignment or examination.

More specifically, it is inappropriate for a student in this class to share code with anyone else.