9. Explain the advantages and disadvantages of the PDDL/STRIPS representation for planning.
10. Describe the frame problem.
11. Describe or implement at least one learning algorithm.

Recommended Textbook

Artificial Intelligence: A Modern Approach. 3rd Edition. Stuart Russell and Peter Norvig
ISBN: 9780136042594

Software

Python 3.7 or later available at https://www.python.org/downloads/release/python-374/
PyCharm Professional or Community Edition - recommended IDE

Course Requirements and Assignments

Homework Assignments:

Homework assignments will be posted and submitted on Canvas. For full credit, they must be submitted by the posted due date. A detailed grading rubric is provided for all programming assignments. Please make sure you read and follow the grading rubric to ensure full credit.

Some assignments will be individual work. Other homework will be team assignments. I will make it clear whether the assignment is an individual assignment or a team assignment.

All work submitted on individual assignments must be your own. You may not share or copy code or answers from fellow students or from the web. Infractions will be detected and will lead to an automatic 0. If someone else copies your work, with or without your permission, you will be held responsible.

For team assignments, teams will consist of two students. The work must be done by both team members and both team members will receive the same grade.

Final Examination

The final exam will take place in the classroom on Thursday May 14 from 2:45-5:00 PM.

Grading Information

Determination of Grades

The final grade in the course will be calculated based on the following percentages:
Homework Assignments: 40%
Questions of the Week: 10%
Midterm: 20%
Final Exam: 30%

The iClicker participation points may be used to give your final grade a slight boost. Students with the highest participation score will get 1 bonus point. Students who violate the academic integrity policy are not eligible. No extra credit options will be given.

Late Work

Late assignments will be accepted with a 1-point penalty for each day or partial day(ad)-9(a)-15(y)20(o4 Tm0 g0 G[r9p

Please note that this schedule is subject to change with fair notice. Any changes will be announced in class and posted on the Canvas course site.

Course Schedule

Week	Date	Topics	Readings AIMA	QoW	HW Due date
1	Jan 23	Course Logistics – What is AI?	Chapter 1		HW1 Jan 28
2	Jan 28	Python			
2	Jan 30	Python			HW2 Feb 6
3	Feb 4	Intelligent Agents	Chapter 2	Q1	
3					