Introduction to Artificial Intelligence (CAP 5625)

Tuesday and Thursday, 9:30–10:45, CIS 1045

Textbook: Stuart Russell and Peter Norvig, *Artificial Intelligence: A Modern Approach*
Web page: www.csee.usf.edu/∼eugene/ai

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Exams

There will be a midterm exam and a final exam:

Midterm	October 11 (Thursday), 9:35–10:45
Final Exam	December 6 (Thursday), 9:35–10:45

Homeworks

Homeworks will usually be assigned every two weeks. Each homework is due in the beginning of the class meeting (that is, at 9:30am) on the due date. If a homework is submitted after 9:30am, it will get fewer points:

less than 24 hours past the deadline	grade is reduced by 25%
24 to 48 hours past the deadline	grade is reduced by 50%
more than 48 hours past the deadline	too late!

Project

You will need to complete a course project, individually or in groups. If you work in a group, all members of the group will get the same grade for the project.

Grading scheme

Midterm	30%
Final Exam	40%
Homeworks	15%
Project	15%

90–100	A+	65–74.99	B
85–89.99	A	50–64.99	C
80–84.99	A–	0–49.99	F
75–79.99	B+		

Tentative course outline

Basic search (Chapter 3)
Informed search (Chapter 4)
Games (Chapter 5)
Planning (Chapters 11 and 12)
Decision trees (Chapter 18)
Neural networks (Chapter 19)
Reinforcement learning (Chapter 20)
Uncertainty (Chapter 14)