

CS 140/240: Artificial Intelligence

Meetings

Winter Quarter, 2010

Lectures: TTh 10-11:45AM in SS-II, room 071

Labs (optional): T,Th 6-7PM, Baskin Engineering, room 109

Instructor / TA

Instructor: Marilyn Walker (maw -at- soe -dot- ucsc)

Office: E2, room: 267

Phone: x91058

Office Hours: 12-1 T,Th E2-267 or by appointment

Teaching Assistant: Foaad Khosmood (foaad -at- ucsc)

Office Hours: same as Lab hours or by appointment

Prerequisites

for undergraduates: CS101 or instructor permission

for graduates: CS140 or instructor permission

Textbooks

1. *Artificial Intelligence: A Modern Approach* Third Edition by Russell and Norvig, 2010, Publisher: Prentice Hall
2. *Natural Language Processing with Python* by Steven Bird, Ewan Klein, Edward Loper, 2009, Publisher: O'Reilly Media

Reading

- AIMA: chapters 1-4, 7-12
- NLPP: chapters 1-4, 8, 10
- Various academic papers to be assigned

Grading

for 140:

- Participation (5%)
- Homework (20%)
- Midterm (25%)
- Project (50%), divided into:
 - Proposal (5%)
 - Progress Report (20%)
 - Presentation (15%)
 - Written Report (60%)

for 240:

- Participation (10%)
- In-class Presentation (15%)
- Literature reviews (25%)
- Project or Survey Paper (50%), divided into:
 - Proposal (5%)
 - Progress Report (20%)
 - Presentation (15%)
 - Written Report (60%)

Assignments

- for 140: 4 Homework Assignments (HW1- HW4), and 4 project milestones as described above.
- for 240: In class research presentation, short paper questionnaires, and 4 project milestones as described above.

Delivery

- All homework will be turned in electronically via WebCT in MS Word or PDF formats.
- Hand-sketched responses to some problems can be scanned in and inserted into your document.
- More info on this later.