

# CS 470/670 Artificial Intelligence

## Final Examination Review

Fall 2013

**Wei Ding**

### □ **Schedule**

The examination is close-book and close-note. However, you can prepare a cheat sheet using ONE piece of paper (size 8.50" \* 11.00", double side, no less than 11-font size and single line space).

There are **65 minutes** for the Examination.

Class Time	Exam Time
4:00 PM	4:05 PM – 5:10 PM Monday December 9th
Must be at class room at 4:00 PM sharp	Assume it takes 5 minutes to distribute the examination papers

### □ **Preparation Materials**

Lecture notes, examples posted at class web site and UMassOnline, homework assignments, and textbook.

Note: If there are any inconsistency between the lecture notes and the textbook, use class lecture notes.

### □ **Topics**

1. Everything you have practiced in homework after the midterm exam  
You will not be asked to write a computer program in the exam, but you are expected to be familiar with the following topics.
  - Understand how to define a heuristic function for informed search
  - Understand local search algorithms.
2. All the questions we have practiced in the class after the midterm exam  
Final exam questions will be similar as those in-class exercises questions.
3. The lectures of
  - Informed Search and Exploration Parts II & III
  - Uncertainty
  - Classification