CS 470/670 Artificial Intelligence

Midterm Review

Fall 2008

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 Midterm Examination.

<table>
<thead>
<tr>
<th>Class Time</th>
<th>Exam Time</th>
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<tbody>
<tr>
<td>4:00 PM</td>
<td>4:05 PM – 5:10 PM Thursday October 23</td>
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<tr>
<td>Must be at class room at 4:00 PM sharp</td>
<td>Assume it takes 5 minutes to distribute the Midterm examination papers</td>
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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
2. All the questions we have practiced in the class
3. The Lecture of
   - Introduction to AI
   - Solving Problem by Searching
   - Uninformed Search Strategies
   - Informed Search and Exploration
   - Adversarial Search
   - Evolutionary Computing
   - Knowledge and Reasoning (Logic Agents Slide 1 – Slide 10)