Course Information

General Information
Professor: Sheila McIlraith
Office: Pratt 398D (6 King's College Road)
Office Hour: Tuesday 10am-11am
Phone: 416-946-8484
Email: csc2542w19prof AT cs.toronto.edu (Sheila) csc2542tas AT cs.toronto.edu (TAs + Sheila)
TAs: Alberto Camacho & Leon Illanes

Emailing: Questions and discussion should occur on Piazza. Issues of a personal nature should be directed to the instructor via email or at an office hour. Please put [2542] in the subject header.

Course Web Page: http://www.cs.toronto.edu/~sheila/2542/w19
Textbook: No formal textbook. See slides for resource books, readings, and papers.

** ALL ANNOUNCEMENTS WILL BE MADE THROUGH PIAZZA
IT IS YOUR RESPONSIBILITY TO MONITOR THESE FORUMS FREQUENTLY. **

Lectures & Tutorials
Thursdays 12-2pm Banting Institute - Room 131 (BI 131), 100 College Street.

Topics Covered
Theory, algorithms and implementations of various forms of AI automated planning, including classical, FOND, POND, Contingent planning, MDPs, POMDPs. Planning encodings and heuristics, heuristic search, invariant computation. Model-based and model-free Reinforcement Learning (as time permits).

Important Administrative Dates (Unofficial)
Family Day & Reading Week: February 18 -- 25
Drop Deadline: February 25

Tentative Course Grading Scheme

<table>
<thead>
<tr>
<th>Item</th>
<th>Topic</th>
<th>Weighting</th>
<th>Due Date</th>
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</thead>
<tbody>
<tr>
<td>Assignment 1</td>
<td>Warm-up</td>
<td>10%</td>
<td>March 15</td>
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<tr>
<td>Assignment 2</td>
<td>Take-home exam style</td>
<td>10%</td>
<td>April 25</td>
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<tr>
<td>Paper Presentation</td>
<td></td>
<td>15%</td>
<td>March 22, March 29, April 4</td>
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<tr>
<td>Paper Critiques &amp; Class Participation</td>
<td></td>
<td>10%</td>
<td>March 22, March 29 and/or April4</td>
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<tr>
<td>Project (55%)</td>
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<tr>
<td>Proposal</td>
<td></td>
<td>5%</td>
<td>March 1</td>
</tr>
<tr>
<td>Presentation</td>
<td></td>
<td>10%</td>
<td>April 11,18 (*)</td>
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<tr>
<td>Report</td>
<td></td>
<td>40%</td>
<td>May 1 (***)</td>
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(*) or by appointment if you’re unavailable.
(**) if you plan to convocate in June of this year, please speak to the professor.

There is no final exam
- All assignments are to be done individually.
- Project may be done individually or in group of 2 or 3.