## CS 4300: Artificial Intelligence

### Fall 2018 Schedule

<table>
<thead>
<tr>
<th>Day</th>
<th>Topic</th>
<th>Work Due</th>
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</thead>
<tbody>
<tr>
<td>W01</td>
<td>T Introduction / Intelligent Agents / Rubik’s Cube</td>
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<tr>
<td></td>
<td>R Intelligent Agents (Chapter 2)</td>
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<tr>
<td>W02</td>
<td>M R Rubik’s Cube Class</td>
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<tr>
<td></td>
<td>T Solving Problems by Searching (Chapter 3)</td>
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<td></td>
<td>R Solving Problems by Searching (Chapter 3)</td>
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<tr>
<td>W03</td>
<td>H Sep 3 Labor Day (no classes)</td>
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<tr>
<td></td>
<td>T Heuristics (Chapter 3)</td>
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<td></td>
<td>R Quantifying Uncertainty (Chapter 13)</td>
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<tr>
<td>W04</td>
<td>M R Rubik’s Cube Action/State/Problem Classes</td>
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<td></td>
<td>T Local Search</td>
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<td></td>
<td>R Local Search</td>
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<tr>
<td>W05</td>
<td>M R Rubik’s Cube Solver Study</td>
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<tr>
<td></td>
<td>T Quantifying Uncertainty Probabilistic Reasoning</td>
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<td></td>
<td>R Probabilistic Reasoning</td>
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<tr>
<td>W06</td>
<td>M R Rubik’s Cube Solver Optimization</td>
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<tr>
<td></td>
<td>T Adversarial Search</td>
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<td>R Adversarial Search</td>
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<tr>
<td>W07</td>
<td>T Probabilistic Reasoning</td>
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<td></td>
<td>R Probabilistic Reasoning over Time</td>
<td>Written Exam I</td>
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<tr>
<td>W08</td>
<td>M R Vertex Cover Local Search</td>
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<td></td>
<td>T Probabilistic Reasoning over Time</td>
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<td></td>
<td>H Oct 11-12 Fall Break (no classes)</td>
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<tr>
<td>W09</td>
<td>M R Vertex Cover Local Search Study</td>
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<td>T Logical Agents</td>
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<td>R Logical Agents</td>
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<tr>
<td>W10</td>
<td>T Making Simple Decisions</td>
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<td>R Making Simple Decisions</td>
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<tr>
<td>W11</td>
<td>T Natural Language Processing</td>
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<td>R Natural Language Processing</td>
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<tr>
<td>W12</td>
<td>T Making Complex Decisions</td>
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<td>R Making Complex Decisions</td>
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<tr>
<td>W13</td>
<td>T Contraint Satisfication Problems</td>
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<td>R Contraint Satisfication Problems</td>
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<tr>
<td>W14</td>
<td>T AI Ethics</td>
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<td>H Nov 21-23 Thanksgiving Break (no classes)</td>
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<tr>
<td>W15</td>
<td>Robotics</td>
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<td>Written Exam II</td>
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<tr>
<td>W16</td>
<td>Machine Learning</td>
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<td>T</td>
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<tr>
<td>W17</td>
<td>Final Exams</td>
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<tr>
<td>T Dec 11</td>
<td>Final Exam 9:00 am - 10:50 am</td>
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Class announcements may modify schedule from that listed above.