## CS 4300: Artificial Intelligence

### Fall 2019 Schedule

**Work in Progress. Not fully updated yet.** Day | Topic | Work Due
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W01 | Introduction / Intelligent Agents | R
W02 | Intelligent Agents | M | **Rectangle Puzzle** T
W03 | Solving Problems by Searching (Chapter 3) | R | Solving Problems by Searching (Chapter 3)
W04 | Labor Day (no classes) | T | Heuristics (Chapter 3) | R
W05 | Quantifying Uncertainty (Chapter 13) | W06 | Rubik’s Cube Action/State/Problem Classes |
W07 | Rectangle Puzzle Solving Problems by Searching (Chapter 3) | T | Rubik’s Cube Action/State/Problem Unit Tests
W08 | Labor Day (no classes) | M | Local Search |
W09 | Sept 3 | M | Rubik’s Cube Action/State/Problem Classes |
W10 | Probabilistic Reasoning | W06 | M | Rubik’s Cube Action/State/Problem Classes |
W11 | Making Simple Decisions | T | Adversarial Search T | R
W12 | Making Simple Decisions | T | Probabilistic Reasoning |
W13 | Making Simple Decisions | T | Probabilistic Reasoning over Time | **Written Exam I** W08 | M | **Vertex Cover Local Search** T | Probabilistic Reasoning over Time | H Oct 11-12 | **Fall Break** (no classes)
W09 | M | **Vertex Cover Local Search** T | Probabilistic Reasoning |
W10 | T | Making Simple Decisions | R | Logical Agents | W11 | T | Natural Language Processing |
W11 | T | Natural Language Processing | W12 | T | Making Complex Decisions |
W12 | T | Making Complex Decisions | R | Making Complex Decisions |
W13 | T | Contraint Satisfication Problems | R | Contraint Satisfication Problems |
W14 | T | AI Ethics | H | Thanksgiving Break (no classes) |
W15 | T | Robotics | R | Robotics | **Written Exam II** W16 | T | Machine Learning | R | Machine Learning |
W16 | T | Robotics | R | Robotics | W17 | Final Exams | R Dec 12 | Final Exam 9:00 am - 10:50 am | Final Exam

Class announcements may modify schedule from that listed above.