# 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
**Rectangular Puzzle** | T
**Solving Problems by Searching (Chapter 3)** | R
W03 | Solving Problems by Searching (Chapter 3) | H Sep 3
**Labor Day (no classes)** | T
W04 | Heuristics (Chapter 3) | M
**Rubik's Cube Action/State/Problem Classes** | R
Quantifying Uncertainty (Chapter 13) | W05 | M
**Rubik's Cube Action/State/Problem Unit Tests** | T
Local Search | R
Local Search | W06 | M
**Rubik's Cube Solver Study** | T
Quantifying Uncertainty | R
Probabilistic Reasoning | W07 | M
**Rubik's Cube Solver Optimization** | T
Adversarial Search | R
Adversarial Search | W08 | M
**Vertex Cover Local Search** | T
Probabilistic Reasoning over Time | **Written Exam I**
W09 | M
**Vertex Cover Local Search Study** | T
Logical Agents | R
Logical Agents | W10 | M
Making Simple Decisions | R
Making Simple Decisions | W11 | T
Natural Language Processing | R
Natural Language Processing | W12 | T
Making Complex Decisions | R
Making Complex Decisions | W13 | T
Constraint Satisfaction Problems | R
Constraint Satisfaction Problems | W14 | T
AI Ethics | H
Nov 21-23 | **Thanksgiving Break (no classes)** | W15 | T
Robotics | R
Robotics | **Written Exam II**
W16 | T
Machine Learning | R
Machine Learning | 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.