

AI - CSC 442 - Fall 2021

Date	Day	Expected Topic	Reading (AIMA 4th)
Aug 26	Thu	Introduction	
Aug 31	Tue	What is AI?	1.1-1.5
Sep 2	Thu	Search: problem solving for state-space models.	2.1-2.3, 3.1-3.4
Sep 7	Tue	Search: informed search and heuristics.	3.5-3.6
Sep 9	Thu	Search: complex and infinite environments	4.1-4.5
Sep 14	Tue	Game Playing: Minimax	5.1-5.2
Sep 16	Thu	Game Playing: Alpha-Beta	5.3
Sep 21	Tue	Game Playing: MKTS and stochastic games	5.4-7
Sep 23	Thu	Workshop: Search and Games	
Sep 28	Tue	Constraint Satisfaction Problems	6.1-6.5
Sep 30	Thu	Propositional Logic	7.1-7.4
Oct 5	Tue	Propositional Inference	7.5-7.7
Oct 7	Thu	First Order Logic	8.1-8.4
Oct 12	Tue	No Class – Fall Break	
Oct 14	Thu	First Order Inference	9.1-9.5
Oct 19	Tue	Knowledge Representation	10.1-10.6
Oct 21	Thu	Workshop: Common Sense Reasoning	
Oct 26	Tue	Probability	12.1-12.7
Oct 28	Thu	Probabilistic Reasoning	13.1-13.5

Date	Day	Expected Topic	Reading (AIMA 4th)
Nov 2	Tue	Probabilistic Reasoning over Time	14.1-14.5
Nov 4	Thu	Learning From Examples: paradigms and decision trees	19.1-19.4
Nov 9	Tue	Learning From Examples: more supervised techniques	19.5-19.9
Nov 11	Thu	Learning Probabilistic Models	20.1-20.3
Nov 16	Tue	Neural Networks	21.1-21.6
Nov 18	Thu	Reinforcement Learning	22.1-22.5
Nov 23	Tue	No Class – Extra Thanksgiving.	
Nov 25	Thu	No Class – Thanksgiving.	
Nov 30	Tue	Philosophy and Ethics	27.1-27.3
Dec 2	Thu	Workshop: Implications of AI	
Dec 7	Tue	Recap and Goodbye	
Dec 12 - 17	TBD	<i>Last Quiz</i>	