Week	Date	Topic	Reference
(1)	**4 Sep 14**	Welcome, Administrative Issues, Introduction to Artificial Intelligence – Foundations, History, State of the Art	Chapter 1
(2)	**11 Sep 14**	Intelligent Agents, Solving problems by searching – Rationality, Search Agents, Heuristics	Chapters 2-3
(3)	**18 Sep14**	More Searching, Adversarial search, Local Search, Unknown Environments, Games, Stochastic Games	Chapters 4-5
(4)	**25 Sep 14**	Satisfying Constraints – Defining Constraints, Propagation, Backtracking, Local Search	Chapter 6
(5)	**2 Oct 14**	Logical Agents – Knowledge Based Agents, Propositional Logic	Chapter 7
(6)	**9 Oct 14**	First Order Logic – Representation, Syntax & Semantics, Usage	Chapter 8
(7)	**16 Oct 14**	Inference in First Order Logic – Propositional vs. FOL, Unification, Chaining, Resolution	Chapter 9
(8)	**23 Oct 14**	**Midterm Exam**	
(9)	**30 Oct 14**	Classical Planning – Definitions, Algorithms, Graphs, Planning Analysis	Chapter 10
(10)	**6 Nov 14**	Quantifying Uncertainty – Acting Under Uncertainty, Basic Probability, Inference, Bayes' Rule	Chapter 13
(11)	**13 Nov 14**	Learning from Example – Forms, Supervised, Decision Trees, Evaluating Hypotheses, Neural Networks	Chapter 18
(12)	**20 Nov 14**	Learning Probabilistic Methods – Statistical Learning, Complete Data, Hidden Variables	Chapter 20
(13)	**27 Nov 14**	Thanksgiving	Turkey
(14)	**4 Dec 14**	Project Presentations, review for Final Exam	
(15)	**18 Dec 14**	Final Exam	

NOTE: Syllabus is subject to change as we go…