

CPE/CSC 580		Spring 2006		Artificial Intelligence: Intelligent Agents		
Week	Date	Topic	Readings	Lab	Assignments Projects	Due
1	Tue 3/27	<a href="#">Introduction</a>	RN 2; Weiss 1;  <a href="#">L. Foner "What's an Agent, Anyway?"</a>	Accounts on count	<a href="#">Assignment 1</a>  Project Selections	
	Thu 3/29	<b>Introduction</b>		Agent Toolkits installation ?  IBM Aglets, Jade		
2	Tue 4/3	<a href="#">Agent Architectures</a>	RN 2.3; Weiss 1.4;  <a href="#">Brooks, R. A., "Intelligence Without Representation", Artificial Intelligence Journal (47), 1991, pp. 139-159.</a>		Project Requirements	
	Thu 4/5	<a href="#">Multi-Agent Systems</a>			Peer Evaluation	Project MS Week 2
3	Tue 4/10	<a href="#">Problem-Solving Agents</a>	RN 3, 4; Weiss 3, 5;  <a href="#">Analyzing key teamwork theories and models First Autonomous Agents and Multiagent Systems Conference</a>		<a href="#">Assignment 2</a>	
	Thu 4/12	<b>Problem-Solving Agents</b>				<a href="#">Assignment 1</a>
4	Tue 4/17	<a href="#">Knowledge-Based Agents</a>	RN 6; Weiss 8  <a href="#">Tim Berners-Lee, James Hendler And Ora Lassila, "The Semantic Web" Scientific American, May 2001.</a>		Prototype Alpha	
	Thu 4/19	<b>Knowledge-Based Agents</b>	<a href="#">R.K. Belew, "Finding Out About" Cambridge Univ. Press, 2000 (Chapter 1).</a> <a href="#">"Ontology Development 101: A Guide to Creating Your First Ontology"</a>		Peer Evaluation	Project MS Week 4
5	Tue 4/24	<b>Midterm</b>	<b>Midterm</b>		Prototype Beta	
	Tue 4/26	<a href="#">Planning Agents</a>	<a href="#">RN 11, 12; Weiss 3; Making Plans: Plan Management in Dynamic, Multi-Agent Environments," AI Magazine, 20(4):71-84, 1999.</a>		Assignment 3	Assignment 2
6	Thu 5/1	<a href="#">Planning Agents</a>				
	Thu 5/3	<b>Learning Agents</b>			Peer Evaluation	Project MS Week 6
7	Tue 5/8	<a href="#">Communicating Agents</a>	RN 22; Weiss 2.2, 2.3		<a href="#">Assignment 4</a>	
	Thu 5/10	<b>Communicating Agents</b>				<a href="#">Assignment 3</a>
8	Tue 5/15	<a href="#">Mobile Agents</a>			Project Final Version	
	Thu 5/17	<b>Mobile Agents</b>			Peer Evaluation	Project MS Week 8
9	Tue 5/22	<a href="#">Implementation Languages for Agents</a>	Weiss 12			
	Thu 5/24	<b>Mobile Agents</b>				<a href="#">Assignment 4</a>
10	Tue 5/29	<a href="#">Agent Applications</a>	Weiss 377		Project Presentations	
	Thu 5/31	<b>Agent Applications</b>		Project Presentations	Peer Evaluation	Project MS Week 10
11	Fri 6/5	<b>Final Exam</b>				