CSC 520-001/601   Introduction to Artificial Intelligence   Fall 2015

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R 22 OCT

Mediasite Lecture		Topic	Reading Assignment (Russell & Norvig chapter)	Assignment Due Dates
001		Introduction and Course Setup	1	Assignment 0 due (as soon as possible)
002		Agents and Environments; Case Study: Watson	2	
003		State Space Representation and Search Algorithms 1	3	
004		Search 2: Uninformed Search	"	
005		Search 3: Informed Search	4	
006	T 8 SEP	Search 5: Game Tree Search	5	Assignment 1 due
007		Representation and Reasoning Systems (RRS)	7	
008		Logic-Based RRS 1: Propositional Logic	8	
009		Logic-Based RRS 2: First-Order Predicate Logic	9	
	R 17 SEP	Midterm Test 1		
010		Logic Programming and Prolog 1		
011	R 24 SEP	Prolog 2		Assignment 2 due
012		Planning 1: Situation Calculus	10	
013		Planning 2: STRIPS and PADDL	"	
014		Planning 3: Planning Graphs	"	
015		Graph Matching & Knowledge Representation 1	12	

016		Graph Matching & Knowledge Representation 2: Searching Semantic Networks and Inheritance-Based Hierarchies	"	
017	T 20 OCT	Uncertainty and Approximate Reasoning 1	13	Assignment 3 due
018		Approximate Reasoning 2: Probabilistic Reasoning	"	
	Midterm Test 2			
019		Approximate Reasoning 3	14	
020		Approximate Reasoning 4: Decision Support	16	
021	T 3 NOV	Machine Learning 1	18	Assignment 4 due
022		Learning 2	"	
023		Learning 3	"	
024		Learning 4	"	
025	T 17 NOV	Natural Language Processing 1	22	Assignment 5 due
026		NLP 2	23	
	T 8 DEC 1800-2100	FINAL EXAM		

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