

Full Calendar for Knowledge-Based AI: Cognitive Systems (Fall 2015)

Click the assignment name to jump to the assignment description; click the due date to jump to the submission page.

Week	Week Of	Lessons*	Assignment	Due Date**
1	Aug. 17	Introduction to KBAI (45); Introduction to CS7637 (60)	Survey & Introduction	Aug. 23
2	Aug. 24	Semantic Nets (60); Generate & Test (30)	Assignment 1	Aug. 30
3	Aug. 31	Means-Ends Analysis (60); Production Systems (60)	PF , Assignment 2	Sep. 6
4	Sep. 7	Frames (45)	PF , Assignment 3	Sep. 13
5	Sep. 14	Learning by Recording Cases (30); Case-Based Reasoning (60)	PF , Survey	Sep. 20
6	Sep. 21	Incremental Concept Learning (60); Classification (45)	Project 1	Sep. 27 (A) (R)
7	Sep. 28	Logic (90)	PF , Mid-Term Exam	Oct. 4
8	Oct. 5	Planning (75); Understanding (30)	PF , Assignment 4 ,	Oct. 11
9	Oct. 12	Common Sense Reasoning (60)	PF , Survey	Oct. 18
10	Oct. 19	Scripts (30); Explanation-Based Learning (45)	Project 2	Oct. 25 (A) (R)
11	Oct. 26	Analogical Reasoning (60); Version Spaces (60)	PF , Assignment 5	Nov. 1
12	Nov. 2	Constraint Propagation (45); Configuration (45)	PF , Assignment 6	Nov. 8
13	Nov. 9	Diagnosis (45); Learning by Correcting Mistakes (45)	PF	Nov. 15
14	Nov. 16	Meta-Reasoning (30); Advanced Topics (60)	Project 3	Nov. 22 (A) (R)
15	Nov. 23	Wrap-Up (30)	Final Exam	Dec. 1
16	Nov. 30	--	PF , CIOS Survey	Dec. 8

17	Dec. 6	--	KBAI Survey	Dec. 10
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(A) - Link to submit your code for your Agent; (R) - Link to submit your Project Reflection; [PF](#) - Peer Feedback on the *previous* week's assignment, e.g. Peer Feedback on Assignment 1 is due on May 31st, one week after the assignment deadline (click to go to the Peer Feedback web site).

* - Numbers in parentheses below are the estimated amounts of time (in minutes) each lesson should take, including exercises. Your experience may vary, especially if you watch the videos at an increased speed (highly recommended!).

** - All assignments are due at midnight UTC-12 on the date specified (that is, at the end of the day on Sunday). UTC-12 is "[anywhere on earth](#)", meaning that if it is still before midnight anywhere on earth, the assignment will still be accepted. Generally, this translates to sometime Monday morning in the Western hemisphere and Monday afternoon or evening in the Eastern hemisphere. To see due dates in terms of your local time, [change your timezone in T-Square](#).