

All topics and dates are tentative and subject to change.  
 Any substantive changes (such as due dates) will be announced on Piazza.

Week	Date	Topic	Quizzes Released: Wed 3:30pm Due: Thurs 3:30pm	Assignments Released: 1 wk before Due: Fri 11:59pm	Project checkpoints Due: 11:59pm
1	Mon, Aug 21	Syllabus and Introduction to AI	Prereq Quiz (ungraded)		
1	Wed, Aug 23	Principal components analysis (PCA)	Prereq Quiz (ungraded)		
1	Fri, Aug 25	Principal components analysis (PCA)	Prereq Quiz (ungraded)		
2	Mon, Aug 28	Principal components analysis (PCA)			
2	Wed, Aug 30	Machine learning	Quiz 1		
2	Fri, Sep 01	Machine learning		Assignment 1 due	
3	Mon, Sep 04	<i>Labor Day</i>			
3	Wed, Sep 06	Machine learning	Quiz 2		
3	Fri, Sep 08	Machine learning		Assignment 2 due	
4	Mon, Sep 11	Machine learning			
4	Wed, Sep 13	Machine learning	Quiz 3		
4	Fri, Sep 15	Deep learning basics		Assignment 3 due	
5	Mon, Sep 18	Deep learning basics			
5	Wed, Sep 20	<i>Guest Lecture - Prof. Stanley Chan</i>	Review Quiz 4		
5	Fri, Sep 22	Deep learning basics		Assignment 4 due	
6	Mon, Sep 25	Deep learning basics			
6	Wed, Sep 27	Natural Language Processing (NLP)	Quiz 5		
6	Fri, Sep 29	<i>Guest Lecture - Prof. Joe Makin</i>		Assignment 5 due	
7	Mon, Oct 02	Natural Language Processing (NLP)			
7	Wed, Oct 04	Natural Language Processing (NLP)	Quiz 6		
7	Fri, Oct 06	Natural Language Processing (NLP)		Assignment 6 due	
8	Mon, Oct 09	<i>October break</i>			
8	Wed, Oct 11	Review of probability	Quiz 7		
8	Fri, Oct 13	Review of probability			<b>Preliminary implementation and writeup</b>
9	Mon, Oct 16	Density estimation			
9	Wed, Oct 18	Density estimation	Review Quiz 8		
9	Fri, Oct 20	Autoencoders		Assignment 7 due	<i>Peer reviews due</i>
10	Mon, Oct 23	Autoencoders			
10	Wed, Oct 25	Clustering	Quiz 9		
10	Fri, Oct 27	Generative Adversarial Networks			<b>Draft of review of 3 papers and updated implementation</b>
11	Mon, Oct 30	Generative Adversarial Networks			
11	Wed, Nov 01	<i>Guest Lecture - TBD</i>	Quiz 10		
11	Fri, Nov 03	<i>Guest Lecture - TBD</i>		Assignment 8 due	<i>Peer reviews due</i>
12	Mon, Nov 06	Generative Adversarial Networks			
12	Wed, Nov 08	Markov Decision Processes (MDP)	Quiz 11		
12	Fri, Nov 10	Markov Decision Processes (MDP)		Assignment 9 due	
13	Mon, Nov 13	Markov Decision Processes (MDP)			
13	Wed, Nov 15	Markov Decision Processes (MDP)	<i>(moved quiz after project)</i>		
13	Fri, Nov 17	Special topics			<b>Term paper due</b>
14	Mon, Nov 20	Special topics			<b>Code and video due</b>
14	Wed, Nov 22	<i>Thanksgiving break</i>			
14	Fri, Nov 24	<i>Thanksgiving break</i>			
15	Mon, Nov 27	Presentations			
15	Wed, Nov 29	Presentations	Quiz 12 (Nov8-Nov13)		
15	Fri, Dec 01	Presentations		Assignment 10 due	<i>Final peer reviews due</i>
16	Mon, Dec 04	Presentations			
16	Wed, Dec 06	Presentations	Review Quiz 13 (Nov15-Nov20)		
16	Fri, Dec 08	Presentations		Assignment 11 due	
17	Mon, Dec 11	No final exam			
17	Wed, Dec 13	No final exam			
17	Fri, Dec 15	No final exam			