

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

Wee k	Date	Topic	Quizzes Released: Tu 1:15pm Due: Wed 1:15pm	Assignments Released: 1 week before Due: Fri 11:59pm
1	Tue, Jan 09	Introduction to artificial intelligence	Prereq Quiz (ungraded)	
1	Thu, Jan 11	Introduction to artificial intelligence	Prereq Quiz (ungraded)	<i>(Assignment 1 released)</i>
2	Tue, Jan 16	Principal components analysis (PCA)	Quiz 1 released	
2	Thu, Jan 18	Principal components analysis (PCA)		Assignment 1 due Friday
3	Tue, Jan 23	Machine learning	Quiz 2 released	
3	Thu, Jan 25	Machine learning		Assignment 2 due Friday
4	Tue, Jan 30	Machine learning	Quiz 3	
4	Thu, Feb 01	Machine learning		Assignment 3 due Friday
5	Tue, Feb 06	Deep learning basics	Quiz 4	
5	Thu, Feb 08	Deep learning basics		Assignment 4 due Friday
6	Tue, Feb 13	Deep learning basics		
6	Thu, Feb 15	<b>Midterm 1 during class period</b>	<b>(Midterm 1)</b>	
7	Tue, Feb 20	Natural Language Processing (NLP)	Quiz 5	
7	Thu, Feb 22	Natural Language Processing (NLP)		Assignment 5 due Friday
8	Tue, Feb 27	Natural Language Processing (NLP)	Quiz 6	
8	Thu, Feb 29	Review of probability		Assignment 6 due Friday
9	Tue, Mar 05	Review of probability	Quiz 7	
9	Thu, Mar 07	Density estimation		Assignment 7 due Friday
10	Tue, Mar 12	<i>Spring break</i>	<i>Spring break</i>	<i>Spring break</i>
10	Thu, Mar 14	<i>Spring break</i>	<i>Spring break</i>	<i>Spring break</i>
11	Tue, Mar 19	Autoencoders	Quiz 8	
11	Thu, Mar 21	Autoencoders		Assignment 8 due Friday
12	Tue, Mar 26	Generative Adversarial Networks (GAN)		
12	Thu, Mar 28	<b>Midterm 2 during class period</b>	<b>(Midterm 2)</b>	
13	Tue, Apr 02	Generative Adversarial Networks (GAN)	Quiz 9	
13	Thu, Apr 04	Markov Decision Processes (MDP)		Assignment 9 due Friday
14	Tue, Apr 09	Markov Decision Processes (MDP)	Quiz 10	
14	Thu, Apr 11	Markov Decision Processes (MDP)		Assignment 10 due Friday
15	Tue, Apr 16	Special topics	Quiz 11	
15	Thu, Apr 18	Special topics		Assignment 11 due Friday
16	Tue, Apr 23	Special topics	<i>Quiet week</i>	<i>Quiet week</i>
16	Thu, Apr 25	Special topics	<i>Quiet week</i>	<i>Quiet week</i>
17	Mon, Apr 29	<b>Cumulative final exam (7-9pm, STEW 130) (Final exam)</b>		