

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: Tu 1:30pm Due: Wed 1:30pm	Assignments Released: 1 week before Due: Thurs 11:59pm
1	Tue, Jan 10	Introduction to artificial intelligence	Prereq Quiz (ungraded)	
1	Thu, Jan 12	Introduction to artificial intelligence	Prereq Quiz (ungraded)	<i>(Assignment 1 released)</i>
2	Tue, Jan 17	Principal components analysis (PCA)	Quiz 1 released	
2	Thu, Jan 19	Principal components analysis (PCA)		Assignment 1 due
3	Tue, Jan 24	Machine learning	Quiz 2 released	
3	Thu, Jan 26	Machine learning		Assignment 2 due
4	Tue, Jan 31	Machine learning	Quiz 3	
4	Thu, Feb 02	Machine learning		Assignment 3 due
5	Tue, Feb 07	Deep learning basics	Quiz 4	
5	Thu, Feb 09	Deep learning basics		Assignment 4 due
6	Tue, Feb 14	Deep learning basics		
6	Thu, Feb 16	Midterm 1 during class period	(Midterm 1)	
7	Tue, Feb 21	Review of probability	Quiz 5	
7	Thu, Feb 23	Review of probability		Assignment 5 due
8	Tue, Feb 28	Autoencoders	Quiz 6	
8	Thu, Mar 02	Autoencoders		Assignment 6 due
9	Tue, Mar 07	Generative Adversarial Networks	Quiz 7	
9	Thu, Mar 09	Generative Adversarial Networks		Assignment 7 due
10	Tue, Mar 14	<i>Spring break</i>	<i>Spring break</i>	<i>Spring break</i>
10	Thu, Mar 16	<i>Spring break</i>	<i>Spring break</i>	<i>Spring break</i>
11	Tue, Mar 21	Natural Language Processing (NLP)	Quiz 8	
11	Thu, Mar 23	Natural Language Processing (NLP)		Assignment 8 due
12	Tue, Mar 28	Natural Language Processing (NLP)		
12	Thu, Mar 30	Midterm 2 during class period	(Midterm 2)	
13	Tue, Apr 04	Natural Language Processing (NLP)	Quiz 9	
13	Thu, Apr 06	Markov Decision Processes (MDP)		Assignment 9 due
14	Tue, Apr 11	Markov Decision Processes (MDP)	Quiz 10	
14	Thu, Apr 13	Markov Decision Processes (MDP)		Assignment 10 due
15	Tue, Apr 18	Special topics	Quiz 11	
15	Thu, Apr 20	Special topics		Assignment 11 due
16	Tue, Apr 25	Special topics	<i>Quiet week</i>	<i>Quiet week</i>
16	Thu, Apr 27	Special topics	<i>Quiet week</i>	<i>Quiet week</i>
17	Thu, May 04	Cumulative final exam 7-9pm, PHYS 112	(Final exam)	