	Website	Edforum		Google Calendar	Resources	Textbook	Homeworks	Gradescope	Attendance form
2	**Date**	**Week**	**Day**	**Lecture topic**	**Resources**	**Readings**	**HW released**	**HW due**	**Section (cycle starts after Tuesday lecture)**
3	Jan 12	0	Fri				HW 0		
4	Jan 23	1	Tue	1. Intro	Scribe notes, Slides	1	HW 1		S0: Math review and code review (notebook + data)
5	Jan 25	1	Thu	2. Linear regression	Scribe notes	2.3-2.5, 2.6.1, 2.7.1			Solutions
6	Jan 26	1	Fri					HW 0	
7	Jan 30	2	Tue	3. Probabilistic linear regression	Scribe notes	2.6.2, 2.6.3			S1: Linear regression
8	Feb 1	2	Thu	4. Linear classification	Scribe notes	3.1-3.5			Solutions
9	Feb 2	2	Fri						
10	Feb 6	3	Tue	5. Probabilistic classification	Scribe notes	3.6			S2: Linear classification, probabilistic classification
11	Feb 8	3	Thu	6. Frequentist model selection	Scribe notes	2.7, 2.8			Solutions
12	Feb 9	3	Fri				HW 2	HW 1 (Sat 10)	
13	Feb 13	4	Tue	7. Bayesian model selection	Scribe notes	2.8, 2.9			S3: Model selection

14	Feb 15	4	Thu	8. Neural networks (Part 1)	Scribe notes	4.1-4.4, 4.6			Solutions
15	Feb 16	4	Fri						
16	Feb 20	5	Tue	9. Neural networks (Part 2)	Scribe notes	4.4			S4: Neural networks
17	Feb 22	5	Thu	10. Support vector machines (Part 1)	Scribe notes	5.1-5.3			Solutions
18	Feb 23	5	Fri				HW 3	HW 2	
19	Feb 27	6	Tue	11. Support vector machines (Part 2)	Scribe notes	5.4			**Midterm 1 review**
20	Feb 29	6	Thu	12. Clustering	Scribe notes	6			Solutions
21	Mar 1	6	Fri						
22	Mar 5	7	Tue	**Midterm 1**					S5: Margin-based methods, support vector machines
23	Mar 7	7	Thu	13. Embedded EthiCS		N/A			Solutions
24	Mar 8	7	Fri				HW 4	HW 3 (Sun 10)	
25		8		**Spring break**					
26	Mar 19	9	Tue	14. Mixture models	Scribe notes	9			S6: Clustering, mixture models
27	Mar 21	9	Thu	15. Principal component analysis	Scribe notes	7			Solutions

28	Mar 22	9	Fri				HW 5 (Sunday)		
29	Mar 26	10	Tue	16. Topic models	Scribe notes	9.6			S7: Principal component analysis, topic models, ensemble methods
30	Mar 28	10	Thu	17. Graphical models	Scribe notes	8			Solutions
31	Mar 29	10	Fri					HW 4	
32	Apr 2	11	Tue	18. Inference for Bayesian networks	Scribe notes	8			S8: Bayesian networks
33	Apr 4	11	Thu	19. Hidden Markov models	Scribe notes	10			Solutions
34	Apr 5	11	Fri						More notes, even more notes
35	Apr 9	12	Tue	20. Single-agent Markov decision processes	Scribe notes	11			S9: Hidden Markov models, Kalman filters
36	Apr 11	12	Thu	21. Reinforcement learning (Part 1)	Scribe notes	12	HW 6		Solutions
37	Apr 12	12	Fri					HW 5	
38	Apr 16	13	Tue	22. Reinforcement learning (Part 2)	Scribe notes	12			S10: Markov decision processes, reinforcement learning
39	Apr 18	13	Thu	23. Multi-agent MDPs and games	Scribe notes				Solutions
40	Apr 19	13	Fri						**Midterm 2 review (weekend), checklist**
41	Apr 23	14	Tue	**Midterm 2**					Midterm 2 review questions, solutions

42	Apr 25	14	Thu						Additional Midterm 2 review questions, solutions
43	Apr 26	14	Fri					HW 6	