

# Math 252: Probability and Statistics, Spring 2022

## Unit 2 Schedule (03/15)

<b>Mon</b>	<b>Wed</b>	<b>Fri</b>
Feb 14, 2022	Feb 16, 2022	Feb 18, 2022
Unit 1 Quiz (20 min); Unit 1 Q&A Due: WA for 3.5-6, Unit 1 Formula Sheet	4.1 Prob. Density Fcns Due: RQ 4.2, D 4.1	4.2 CDFs and Expected Value Due: RQ 4.3, D 4.2, Unit 1 Portfolio
Feb 21, 2022	Feb 23, 2022	Feb 25, 2022
4.3 Normal Distribution Due: RQ 4.4, D 4.3	4.4 Expl and Gamma Distns. Due: RQ 4.5, D 4.4	4.5 Other Cont. Distns. Due: RQ 4.6, D 4.5
Feb 28, 2022	Mar 2, 2022	Mar 4, 2022
4.6 Probability Plots Due: RQ 5.1, D 4.6	5.1 Jointly Distd. RVs Due: RQ 5.2, D 5.1, WA for Ch 4	5.2 EV, Covar., Correlation Due: RQ 5.3, D 5.2
Mar 7, 2022	Mar 9, 2022	Mar 11, 2022
Spring Break	Spring Break	Spring Break
Mar 14, 2022	Mar 16, 2022	Mar 18, 2022
5.3 Statistics and Their Distns. Due: RQ 5.4, D 5.3	5.4 Distn. of Sample Mean Due: RQ 5.5, D 5.4	5.5 Distn. of Linear Comb. Due: RQ 6.1, D 5.5
Mar 21, 2022	Mar 23, 2022	Mar 25, 2022
6.1 Point Est., Concepts Due: RQ 6.2, D 6.1, WA for Ch 5	6.2 Methods of Point Est. Due: RQ 7.1, D 6.2	7.1 Due: RQ 7.2, D 7.1
Mar 28, 2022	Mar 30, 2022	Apr 1, 2022
Unit 2 Quiz (20 min); Unit 2 Q&A Due: WA for Ch 6, Unit 2 Formula Sheet	7.2 Due: RQ 7.3, D 7.2	7.3 Due: RQ 7.4, D 7.3, Unit 2 Portfolio

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## Discussion Problems

Mon	Wed	Fri
Jan 10, 2022	Jan 12, 2022	Jan 14, 2022
		(No assigned discussion.)
Jan 17, 2022	Jan 19, 2022	Jan 21, 2022
D 1.1: 6, 8	D 1.2: 10, 18, 20, (26), (29)	D 1.3: 34, 40, (42*) D 1.4: 44, 48
Jan 24, 2022	Jan 26, 2022	Jan 28, 2022
2.1: 2, (6), 8 2.2: 12, 20, (22), (24*)	2.3: 30, 34, (44*)	2.4: 46, 51, 54, 62
Jan 31, 2022	Feb 2, 2022	Feb 4, 2022
2.5: 70, (73*), 74, 76, 82	3.1: 4, 6; W: 7, 9 3.2: 12, (16), 20; W 16, 23, 26	3.3: 29, 32, (34*)
Feb 7, 2022	Feb 9, 2022	Feb 11, 2022
3.4: 46, 48, (64*)	3.5: 68, 75	3.6: 80, 86
Feb 14, 2022	Feb 16, 2022	Feb 18, 2022
(No assigned discussion.)	4.1: 2, 4, 8; W 5, 9?	4.2
Feb 21, 2022	Feb 23, 2022	Feb 25, 2022
4.3	4.4	4.5
Feb 28, 2022	Mar 2, 2022	Mar 4, 2022
4.6	5.1	5.2
Mar 7, 2022	Mar 9, 2022	Mar 11, 2022
Spring Break	Spring Break	Spring Break
Mar 14, 2022	Mar 16, 2022	Mar 18, 2022
5.3	5.4	5.5
Mar 21, 2022	Mar 23, 2022	Mar 25, 2022
6.1	6.2	Review/Exam
Mar 28, 2022	Mar 30, 2022	Apr 1, 2022
7.1	7.2	7.3
Apr 4, 2022	Apr 6, 2022	Apr 8, 2022
7.4	8.1	8.2
Apr 11, 2022	Apr 13, 2022	Apr 15, 2022
8.3	8.4	Easter Break
Apr 18, 2022	Apr 20, 2022	Apr 22, 2022
8.5	9.1	9.2
Apr 25, 2022	Apr 27, 2022	Apr 29, 2022
9.3	9.4	9.5