

MSE 301 Course Schedule: Fall, 2022 (Revised)

#	DATE	TOPIC	HOMEWORK
1	8/24/2022	Motivation & Introduction	Assign HW 1
2	8/26/2022	Probability	
3	8/29/2022	Probability	
4	8/31/2022	Probability	
5	9/2/2022	Random Variables	Collect HW 1/Assign HW 2
6	9/5/2022	LABOR DAY - No Class	
7	9/7/2022	Random Variables	
8	9/9/2022	Random Variables	
9	9/12/2022	Expectations	Collect HW 2/Assign HW 3
10	9/14/2022	Expectations	
11	9/16/2022	Expectations	
12	9/19/2022	Discrete Distributions	Collect HW 3/Assign HW 4
13	9/21/2022	MIDTERM EXAM 1	
14	9/23/2022	Discrete Distributions	
15	9/26/2022	Discrete Distributions	
16	9/28/2022	Continuous Distributions	Collect HW 4/Assign HW 5
17	9/30/2022	Continuous Distributions	
18	10/3/2022	Continuous Distributions	
19	10/5/2022	Sampling	Collect HW 5/Assign HW 6
20	10/7/2022	FALL BREAK - NO CLASS	
21	10/10/2022	Sampling	
22	10/12/2022	Sampling	
23	10/14/2022	Root-finding	Collect HW 6/Assign HW 7
24	10/17/2022	MIDTERM EXAM 2	
25	10/19/2022	Project Description	Assign Project
26	10/21/2022	Root-finding	
27	10/24/2022	Root-finding	
28	10/26/2022	Solution of a system of algebraic eqns	Collect HW 7/Assign HW 8
29	10/28/2022	Parameter Stepping	
30	10/31/2022	Statistical Outliers	
31	11/2/2022	Linear Algebra	Collect HW 8/Assign HW 9
32	11/4/2022	Linear Algebra	
33	11/7/2022	Linear Algebra	
34	11/9/2022	Regression	Collect HW 9/Assign HW 10
35	11/11/2022	Regression	
36	11/14/2022	MIDTERM EXAM 3	
37	11/16/2022	Regression (Guest Lecture)	
38	11/18/2022	No Class – Instructor Out of Town	
39	11/21/2022	Project Update	Collect HW 10/Assign HW 11
40	11/23/2022	Thanksgiving Holiday - No Classes	
41	11/25/2022	Thanksgiving Holiday - No Classes	
42	11/28/2022	Numerical Integration	Collect HW 11/Assign HW 12
43	11/30/2022	Numerical Integration	
44	12/2/2022	Solution of ordinary differential eqns	
45	12/5/2022	Solution of ordinary differential eqns	
46	12/7/2022	Solution of ordinary differential eqns	Collect HW 12
47	12/9/2022	No Class	Collect Project
48	12/12/2022	10:30 a.m. – 12:45 p.m.	Final Exam