

MSE 301 Course Schedule: Fall, 2024

#	DATE	TOPIC	HOMEWORK
1	8/19/2024	Motivation & Introduction	Assign HW 1
2	8/21/2024	Probability	
3	8/23/2024	Probability	
4	8/26/2024	Probability	
5	8/28/2024	Random Variables	Collect HW 1/Assign HW 2
6	8/30/2024	Random Variables	
7	9/2/2024	LABOR DAY - No Class	
8	9/4/2024	Random Variables	
9	9/6/2024	Expectations	Collect HW 2/Assign HW 3
10	9/9/2024	Expectations	
11	9/11/2024	Expectations	
12	9/13/2024	Discrete Distributions	Collect HW 3/Assign HW 4
13	9/16/2024	MIDTERM EXAM 1	
14	9/18/2024	Discrete Distributions	
15	9/20/2024	Discrete Distributions	
16	9/23/2024	Continuous Distributions	Collect HW 4/Assign HW 5
17	9/25/2024	Continuous Distributions	
18	9/27/2024	Continuous Distributions	
19	9/30/2024	Sampling	Collect HW 5/Assign HW 6
20	10/2/2024	Sampling	
21	10/4/2024	Sampling	
22	10/7/2024	FALL BREAK - NO CLASS	
23	10/9/2024	Linear Algebra	Collect HW 6/Assign HW 7
24	10/11/2024	MIDTERM EXAM 2	
25	10/14/2024	Project Description	Assign Project
26	10/16/2024	Linear Algebra	
27	10/18/2024	Linear Algebra	
28	10/21/2024	Regression	Collect HW 7/Assign HW 8
29	10/23/2024	Regression	
30	10/25/2024	Regression	
31	10/28/2024	Root-finding	Collect HW 8/Assign HW 9
32	10/30/2024	Root-finding	
33	11/1/2024	Root-finding	
34	11/4/2024	Solution of a system of algebraic eqns	Collect HW 9/Assign HW 10
35	11/6/2024	MIDTERM EXAM 3	
36	11/8/2024	Project Update	
37	11/11/2024	Solution of a system of algebraic eqns	
38	11/13/2024	Solution of a system of algebraic eqns	
39	11/15/2024	Numerical Integration	Collect HW 10/Assign HW 11
40	11/18/2024	Numerical Integration	
41	11/20/2024	Numerical Integration	
42	11/22/2024	Solution of ordinary differential eqns	Collect HW 11/Assign HW 12
43	11/25/2024	Solution of ordinary differential eqns	
44	11/27/2024	Thanksgiving Holiday - No Classes	
45	11/29/2024	Thanksgiving Holiday - No Classes	
46	12/2/2024	Solution of ordinary differential eqns	Collect HW 12
47	12/4/2024	No Class	Collect Project
48	12/10/2024	Tuesday, 10:30 a.m. – 12:45 p.m	Final Exam

