

MATH 323 Probability and Statistics

INSTRUCTOR: DR. Jie Xiong; Office: Temple Court 105; Phone#: x4-4271;

Office hours: M 11:15-12:05 W 9:05-9:55 R 10:10-11:00

TEXT: Probability and Statistics for Engineers, by R.L. Schaeffer and J.T. McClave (4th Edition), Duxbury Press.

EXAMS: 3 midterm exams and 1 comprehensive final.

GRADING: Final exam is counted as two exams. The lowest one of 5 exams will be dropped. The average of 4 exam grades will determine 90% of your final grade and homework will count for 10%. The following scale will be used: 90-100%=A, 87-89.99%=A-, 83-86.99%=B+, 80-82.99%=B, 77-79.99%=B-, 73-76.99%=C+, 70-72.99%=C, 67-69.99%=C-, 63-66.99%=D+, 60-62.99%=D, 57-59.99%=D-, below 57%=F.

Make-up policy: In case of a genuine reason, you may choose taking a make-up exam or using the score of the final exam for the missed midterm (Missed final exam has to be determined by a make-up).

COVERAGE and HOMEWORK:

Class	Section	Suggested Homework Problems
1	2.1-2.3	read p.51-68
2	2.4	p.74: 16-20
3	2.5	p. 83: 21-23, 25-28, 31-34
4	2.6	p.106: 35-37, 39, 40, 42, 43
5	2.7	p.107: 44-49, read section 2.8
6	3.1	p.126: 1, 2, 6-8, 10
7	3.2	p.138: 11, 12, 15, 17, 20
8	3.3-3.4	p.151: 21, 22, 24, 25, 29, 31, 32, 34
9	3.5	p.158: 38, 40, 41
10	3.7	p.164: 52-54, 58, 62, 63
11	3.8	p.170: 68-70, 74, 75, 78
12-13	Review/Catch-up	
14	Exam 1	
15	4.1	p.190: 2, 4, 7
16	4.2	p.195: 9, 10, 12, 14
17	4.3	p.199: 16, 17, 20, 21
18	4.4	p.205: 31, 33-35, 37, 39, 43
19	4.5	p.210: 45-48

20	4.6	p.227: 55-57, 61, 66
21	5.1-5.3	p.269: 1-12, 14, 15
22	5.4	p.282: 17-22
23	5.5	p.286: 26, 27, 35
24	5.7-5.8	p.294: 42, 43, 46, 48, 57
25-26	Review/Catch-up	
27	Exam 2	
28	6.1-6.2	p.312: 1, 3, 4
29	6.3	p.320: 9-12, 16, 17
30	6.4	p.324: 24-27, 30, 32
31	6.5	p.329: 34-36, 38, 42
32	7.1-7.2	p.361: 1-5
33	7.3	p.375: 9, 10, 12, 13, 15, 16, 20, 24, 32
34	7.7	p.409: 66-69, 73
35-36	Review/Catch-up	
37	Exam 3	
38	8.1-8.2	p.429: 1-4, 7-9, 11, 13, 24
39	8.4	p.450: 47-49, 53, 61
40	8.5	p.462: 63, 64, 68
41-43	Review/Catch-up	

Schedule MWF 2:30-3:20 HSS 56

Comprehensive Final Exam: 12:30 p.m.-2:30 p.m., Thursday, April 30

Remark: Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office of Disability Services at 865-974-6087 in 2227 Dunford Hall to coordinate reasonable accommodations for students with documented disabilities.