SYLLABUS

STT 430   Mark M. Meerschaert
Introduction to Probability and Statistics   mcubed@stt.msu.edu
109 Olds Hall   C430 Wells Hall
MW 3:00–4:20 PM   517-353-8881
Fall Semester 2015   Office hours: MW 2:00–2:50 PM

Text: Devore, J. (2011) *Probability and Statistics for Engineering and the Sciences*, 8th ed., Thompson Brooks/Cole, Belmont CA, ISBN 9781305748927 (MSU Custom Edition).

Week of:		Material Covered:
Aug	31	No class Monday, 1.2,
Sep	07	Labor Day (no class Monday), 1.3, 1.4
	14	2.2, 2.3, 2.4
	21	2.5, 3.2, 3.3
	28	Review, Exam 1
Oct	05	3.4, 3.5, 3.6
	12	4.1, 4.2, 4.3
	19	4.4, 4.5, 4.6
	26	Review, Exam 2
Nov	02	5.4, 7.1, 7.2
	09	7.3, 8.1, 8.2
	16	8.4, 9.1, 9.2
	23	9.3, 12.1, 12.2 (Thanksgiving)
	30	Review, Exam 3
Dec	07	12.3, 12.4, 12.5

Final Exam: 3:00–5:00 PM Thursday 17 December 2015

GRADING POLICY

Homework is listed on the back of this sheet. The homework for each week will be collected the following Monday. Homework counts for half of the course grade. All exam questions will be taken directly from the homework. Hour exams count for 100 points each, and are on Wednesdays as noted on the syllabus. The final exam is cumulative and counts for 200 points. Students who miss an exam or fail to turn in graded homework for a valid reason will be allowed to drop that score. No late homework will be accepted, and no make-up exams will be given for any reason. Grading is based on homework and exam scores according to the following scale.

Grade	Minimum Score
4.0	90%
3.5	83%
3.0	76%
2.5	70%
2.0	63%
1.5	56%
1.0	50%

HOMEWORK ASSIGNMENTS

1.2# 11, 17, 25, 20*(MINITAB)
1.3# 33–41 odd, 36*(MINITAB)
1.4# 45–53 odd, 56*(MINITAB)
2.2# 11–23 odd, 22*
2.3# 31–39 odd, 38*
2.4# 47, 49, 51, 53, 59, 61, 62*
2.5# 71, 75, 77, 79, 78*
3.2# 13–23 odd, 16*
3.3# 29–39 odd, 32*
3.4# 47–61 odd, 50*(MINITAB)
3.5# 69–77 odd, 70*
3.6# 79–91 odd, 86*(MINITAB)
4.1# 1–9 odd, 8*
4.2# 11–23 odd, 20*
4.3# 29–43 odd, 34*(MINITAB)
4.4# 59–65 odd, 67*(MINITAB)
4.5# 73, 77, 79, 81, 72*(MINITAB)
4.6# 87–95 odd, 88*(MINITAB)
5.4# 47–55 odd, 50*
7.1# 1–7 odd, 4*
7.2# 13–17 odd, 14*
7.3# 29, 32, 34a, 35a, 36a, 37a, 33*(MINITAB)
8.1# 1, 3, 5, 7, 9abc, 6*
8.2# 19a, 21, 23, 25a, 29a, 34a*(MINITAB)
8.4# 47, 49, 51, 53, 55, 58*(MINITAB)
9.1# 3, 5ab, 7, 9, 11, 8*
9.2# 19, 21, 25, 27, 29, 23*(MINITAB)
9.3# 37a, 39, 41, 40*(MINITAB)
12.1# 1, 3, 7, 9, 8*
12.2# 13–21 odd, 16*(MINITAB)
12.3# 31–35 odd, 38a*(MINITAB)
12.4# 47–53 odd, 54*(MINITAB)
12.5# 59, 63, 65, 58*(MINITAB)