

Statistics 215 “Engineering Statistics”, Fall 2009 (Aug 25 – Dec 10).

Lecture: Tuesday and Thursday (except Nov 24/26) in CH-104 from 9:30 to 10:45 in the morning (Section B). The web site for this class is

“<http://web.mst.edu/~bohner/stat215-09/stat215.html>”.

Office Hours: Tuesday and Thursday in ROLLA-106 from 10:50 to 12:00 in the morning. Also by appointment. Appointments may be scheduled in person, by phone, or via e-mail. You can also get help in the department’s Tutoring Room (ROLLA-116).

Text: “Probability and Statistics for Engineering and the Sciences” by Jay L. Devore (7th edition), Chapters 1–9, 12. Powerpoint slides used in class are posted on the website.

Description: Probability, probability distributions, discrete and continuous random variables, joint probability distributions, random samples, point estimation, confidence intervals, significance test, regression.

Attendance and Drop Policy: With two absences from class, you will receive an academic alert. After two absences, 20 points will be deducted from your score for each additional absence. With four absences, you will be dropped from the class.

Homework / Quizzes: Homework problems from the book will be assigned every class period but will not be collected. Instead, on Tuesdays at the beginning of class, starting September 1, we will have a short quiz on one of the problems that were assigned in the previous week.

Hour Exams: There will be three exams during class. These exams will be announced at least one week in advance.

Final Exam: The final exam is comprehensive and will be on Thursday, December 17, from 10:30 am to 12:30 pm.

Grading Policy: Each of the quizzes is worth 10 points and the best ten quizzes count towards the grade. Each of the three hour exams and the final exam is 100 points. Hence the emphasis on the final amount of points is weighted as follows:

Homework	Hour Exams	Final
20%	60%	20%

Altogether 500 points are available. The accumulated scores may be found on the lecture’s web site (using a personal password). Note that these scores as well as estimated final grades are updated weekly. If p is the final (relative) percentage, the final (estimated) grade will be determined according to the following table:

F	D	C	B	A
$p < 60$	$60 \leq p < 70$	$70 \leq p < 80$	$80 \leq p < 90$	$p \geq 90$