

## ENGR 361: Statistical Analysis of Engineering Systems (Winter, 2008)

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### Class locations and times

Lecture times	Wednesdays 6-7:50pm (Randell Hall 327)
Recitation times	Wednesdays 8-8:50pm (Randell Hall 327)
Instructor	Steven Weber (ECE Dept.)
Instructor office hours	Wednesdays 2-4pm (Bossone 211)
Teaching assistant	Joydeep Tripathi ( <a href="mailto:jt369@drexel.edu">jt369@drexel.edu</a> )
TA office hours	Mondays 12-2pm (Bossone 306)

### Description

Probability, random variables, random samples, point estimation, statistical intervals.

### Textbook

Jay L. Devore, *Probability and statistics for engineering and the sciences*, Thomson Press. You may use either the 6th or 7th edition. The ISBN is 0495382175.

### Logistics

- *Quizzes.* Each class will begin with a short (10 minute) quiz; these will be collected and graded. This quiz will cover the lecture material from the previous week, and are meant to motivate you to review last week's material before class.
- *Lectures.* The lecture will last from roughly 6:15pm through 7:45pm.
- *Recitations.* The last hour of class, 8-8:50pm, will be a recitation section. In the recitation you are responsible for completing a worksheet covering material related to the previous week's lecture and assigned homework. You have the option (but no obligation) to work collaboratively in groups of **at most** two on this assignment. These will also be collected and graded.
- *Exams.* Both the midterm and final exam will be closed book, with no notes, calculators, or cheat sheets permitted, and will consist of variations of worked problems from the homework, quizzes, and recitations.
- *Vista.* The course will use the Blackboard Vista course management software. I will send email to the class through Vista, and I ask that you email me through Vista (instead of my normal email address). I will use Vista to post lecture notes (before, but not much before, each class), homework (with solutions), and quiz and recitation solutions. I will also use Vista to post your grades.

### Grading

Homework	(assigned after each class)	0%
Quizzes	(taken in start of each class)	15%
Recitation problem sets	(completed during last hour of each class)	35%
Midterm Exam	(comprehensive)	20%
Final Exam	(all material since midterm exam)	30%

Final grades will be assigned on a curve. I will provide a sample grade assignment during the week following the midterm exam (in advance of the withdrawal deadline). This midterm grade is not binding in any way, and is merely meant as an indication of your standing in the class and how I would assign grades if they were due.

### Academic Dishonesty

The Drexel University policy on academic dishonesty will be strictly enforced. Plagiarism, fabrication, and cheating will, at the discretion of the instructor, constitute grounds for failure of the course.