

**ESE 326 – Probability and Statistics for Engineering – Spring 2008**

**Classes:** Tu Th 11:30 – 1:00 in Brown Hall, rm 100

**Instructor:** Heinz Schättler, Cupples II, Room 106A, extension 5-6019,

**e-mail:** hms@wustl.edu - Please keep e-mails to essential communications. If you want to discuss course material or have questions about class, please see me. Any time I am in is fine.

**Office Hours:** Tu after the class, Th, 10:30 – 11:30, and by appointment

**Prerequisite:** Math 233 or equivalent - Calculus III, familiarity with infinite series and integrals in one and higher dimensions.

**Textbook:** J. Susan Milton and Jesse C. Arnold, *Introduction to Probability and Statistics*, McGraw Hill, fourth edition - We shall more or less cover chapters 1-9, 11 and some introductory material on quality control (chapter 16).

**Grading:** Your grade will be based on your final exam (40%), two midterm exams (25% each) and graded homework that will be due on a weekly basis (10%). The two midterms are scheduled for Thursday, February 14, and Thursday, March 27 (change in date!). The Final Exam is scheduled for Tuesday, May 1 from 10:30 to 12:30 in the class room, Brown Hall, rm 100. (This information may still change during the semester, so be sure to check on this before the final.)

I will be assigning homework throughout the lectures and will post the assignments on the course web page (see below). Of the homework, a small portion of exercises are to be written up and handed in and these will be graded; a larger portion is assigned for you to work, but does not need to be handed in. You may discuss the problems amongst yourselves, but individual write-ups have to be produced and no identical copies will be accepted. *Homework will always be due on Tuesday before the beginning of the class, at 11:30.* You may hand in the homework either in the class room before the lecture or you may drop the homework in a homework bin for this course in Bryan outside our departmental office, rm 201. This bin will be emptied at 11:30 and I will only accept late homework with a valid excuse. Sorry, due to the large enrollment, no exceptions, please.

**Help sessions/recitations:** There are organized, but optional help sessions scheduled for

(A) Wednesday, 2:00-3:00 in Lab Sciences, rm 250

(B) Wednesday, 3:00-4:00 in Lab Sciences, rm 250

The help sessions meet on the following days:

- January 30
- February 13
- February 27
- The help session scheduled for March 19 has been moved to *March 26*
- The help session scheduled for April 2 has been moved to *April 9*
- April 16
- There will be an extra help session on *April 23*

There also will be a general review/help session during the last scheduled lecture on Thursday, April 24, in class.

**Web page:** There is a web page for the course at

<http://classes.engineering.wustl.edu/ese326>

I will also maintain a copy on my home page under

[http://ese.wustl.edu/~heinz/Spring08\\_ese326.html](http://ese.wustl.edu/~heinz/Spring08_ese326.html)

where I will post handouts and homework assignments.