

STA 381
INTRODUCTION TO ENGINEERING STATISTICS
Fall Semester, 2011
MWF 2:00 pm - 2:50 pm
Erikson Hall Erikson Hall-Rm.203 <http://polytopes.net/courses/STA381F11/>

Instructor: Ruriko Yoshida
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Office hours: MF 10:00 AM - 10:50 AM
Text: Mendenhall and Sinich,, *statistics for Engineering and the Sciences*, 5th Edition,

Course Policies

Overview: Probability; population and sample distributions; sampling; hypothesis testing; regression on one variable; quality control.

Prerequisites: MA 213 or equivalent.

Technology Needed:

1. Each student should have a calculator, especially for exams. The alternative is to do these calculations by hand which would take a great deal longer.
2. Access to computer.

Technology Not Allowed During Exams/Exercises:

Any technology that can receive/transmit information wirelessly cannot be used and should be turned off. Examples include: Cellphones, PDAs with wireless/Bluetooth/IR capabilities, laptops/tablet PCs.

Grading: The following scale will be used to determine grades:

A	B	C	D	E
90-100	80-89	70-79	60-69	0-59

That is, a student getting a course percentage of at least 90 will get no lower than an A, a student getting a course percentage of at least 80 and less than 90 will get no lower than a B, etc. Here is what each component is worth:

Weekly Homework Assignment	30%
Midterm Exam on date October 14th 2011	20%
Quizzes	20%
Final Exam on Fri December 16th, 2011 at 8:00am	30%

Exams: This course has a midterm and final exams. A midterm exam is scheduled for Fri October 14th 2011. The cumulative final exam will be on Fri December 16th, 2011 at 8:00am. Make-up midterm exam will be allowed only in extreme circumstances and are subject to proper documentation. Unless it is an emergency situation, you need to notify me ahead of time either by phone or via email. It is the students' responsibility to check conflicts of exam dates (or any class activity) with religious holidays. If there is a conflict, you must notify the instructor in writing (email is fine) by the end of the second week of classes.

Homework: A weekly homework will be assigned on every Friday and will be collected on the next Friday.

Quizzes: A quiz will be given on Mon and Wed. Your grade for a quiz will be pass or non-pass. Your worst grade will be discarded.

Attendance: Consistent attendance is strongly recommended. Each student is responsible for obtaining all material missed when absent.

Syllabus: The syllabus will be followed closely, but it is subject to changes.

Cellphones: Cellphones need to be turned off during class time and exams.

Schedule:	Weeks	1 – 5	Chapter 1 – 4
		6 – 10	Chapter 5 – 7
		11 – 15	Chapter 8 – 10 [15]