

REMINDER: Syllabi are to be used to evaluate general content, are not binding, and may/may not include updates for the upcoming semester.

IE 4623/6623: Engineering Statistics II -- Spring 2015

Catalog Description: Engineering Statistics II. Three hours lecture. Introduction to statistical analysis. Topics include: hypothesis testing, linear regression, ANOVA, nonparametric statistics.

Prerequisites: IE 4613/6613 – Engineering Statistics I

Class Meetings: T/R 8:00am - 9:15am SIMRAL 106

Professor: Dr. Linkan Bian 260 McCain
bian@ise.msstate.edu

Office hours: Tue 9:30am-10:30am; Other times and methods by appointment

Course Materials:

- Montgomery, D. C. and Runger, G. C., *Applied Statistics and Probability for Engineers*, 5th Edition, John Wiley & Sons, Inc., 2011.
- Additional materials will be distributed through myCourses as needed.

myCourses Website: We will be using myCourses to distribute course information.

Assignments, grades, course documents, and announcements will be posted to this website. You can access this website at <https://mycourses.msstate.edu/> or through myState (<https://my.msstate.edu>).

Course Exams: Three midterm examinations will be given, in addition to a comprehensive final examination. All exams are closed book and closed notes, unless otherwise stated. No make-up exams will be given without a university documented excuse.

Homework: A schedule of homework assignments will be posted on myCourses. All homework assignments are due at the *start of class* on the due date posted. The lowest homework grade will be dropped.

Assignment Submission: Students can submit assignments in class, by hand to the ISE office, or by fax. Homework turned into the ISE department must be time stamped by department staff. Don't forget to put your name on the first page of the document, regardless of how it is submitted!

Important Notes: Exams/Homework should be worked neatly. If I cannot read it, you are wrong.

Course Communication: Course announcements and communication will be sent via myCourses email. Students are responsible for checking this email frequently or forwarding it to their primary email account.

Reading and Attendance Policy: It is expected that students will read assigned course material prior to the lecture. Though attendance is not recorded, it is expected that students will attend class regularly and actively participate in class discussions. Should an absence be foreseen, the student should contact Dr. Bian to inform him of the absence.

Late Work: Assignments submitted late will **not** be accepted.

Regrade Policy: Requests for regrades must be submitted in writing (along with the graded assignment) no later than one week after the graded assignment was returned. This applies to all homework, project deliverables, and exams. In the event of a regrade request, the entire assignment/exam will be regraded considering the student's request, though the grade may change in either direction, or remain the same.

Grading: An overall course grade will be assigned based on performance using the following distribution and grading scale:

Homework	10%	A: 90%+
Midterm Exam 1	20%	B: 80-89.9999%
Midterm Exam 2	20%	C: 70-79.9999%
Midterm Exam 3	20%	D: 60-69.9999%
Final Exam	30%	F: <60%

Academic dishonesty: Mississippi State University has an approved Honor Code that applies to all students. The code is as follows:

"As a Mississippi State University student I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do."

Upon accepting admission to Mississippi State University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor Code. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the MSU community from the requirements or the processes of the Honor Code. For additional information please visit: <http://students.msstate.edu/honorcode/>.

The Honor Code will be strictly adhered to in this course, particularly as it pertains to individual versus group assignments, allowable resources, exam completion, and plagiarism.