

STA 3032 Engineering Statistics

Summer A 2013

Instructor: Zhe Chen (zhe.chen@ufl.edu), 209 Griffin-Floyd Hall

Class: MTWRF 2nd period (09:30-10:45am) in Tur L007

Office Hours: TR 1:00-2:00pm

TA:

[Long Zhang](#): MTW 11:00am-13:00pm, 202 Griffin-Floyd

[Trung Ha](#): W 2:00-5:00pm on wed, 218 Griffin-Floyd

[Shibasish Dasgupta](#): T 4:00-5:00pm & R 3:00-5:00pm, 427 McCarty C

Course Webpage: www.stat.ufl.edu/~zhe.chen/sta3032

Course Description: A survey of the basic concepts in probability and statistics with engineering applications. Topics include probability, discrete and continuous random variables, estimation, hypothesis testing and linear and multiple regression.

Course Materials:

1. *Probability and Statistics for Engineers* 5th Edition by Scheaffer, Mulekar, McClave. Solution manuals will be available to view in the instructor's office and TAs' during the office hours.
2. A calculator capable of calculating the basic statistical functions
3. The software used in class is R. R is a free software and can be found at <http://www.r-project.org/>.

Homeworks and Quizzes: Homework assignments from the textbook exercise are assigned weekly but will not be collected. There are five in-class quizzes (5 points each), counting for 25% of the final grade. The problem on the quiz is based on the assigned homework problems. There no makeup quizzes for any reason.

Exams: There are three exams, each counting for 25% of the final grade. An official documentation is needed for a make-up exam. The tentative exam schedule:

EXAM	DATE
Exam 1	May 24, 2013
Exam 2	June 6, 2013
Exam 3	June 19, 2013

Grading Policy:

LETTER GRADE	PERCENT OF POINTS
A	87 – 100%
A-	84 – 86%
B+	80 – 83%
B	75 – 79%
B-	70 – 74%
C+	65 – 69%
C	60 – 64%
D	< 60%