

STA 3032: Engineering Statistics (section - 1054)

Instructor: Tamal Ghosh

Class Time: MTWRF 9:30 AM - 10:45 AM

Classroom: TUR LO 11

Office: 115A Griffin-Floyd Flail (FLO)

Office Hours: 11:00-12:15 PM on Tuesday and Thursday

Email: tamalg@ufl.edu

Teaching Assistant: Sourav Mukherjee, FLO 234, Office Hrs: 12.30 PM- 1.45 PM on Wednesday and 12.30 PM-3.15 PM on Thursday

Description: Basics of probability and statistics with applications, Topics include probability, Random variables, Statistical inference and Regression.

Course Note: Notes and other materials will be available in e-Learning. We will follow the notes written by Athienitis, Demetris for "An Introduction to Statistics".

Materials:

1. Textbook: Statistics for Engineers and Scientists, by William Navidi, 4th edition.
2. Scientific/graphing calculator.

Prerequisites: The use of integrals will be used greatly throughout the class.

Homework: Homework problems will be assigned to help students understand the materials and prepare for exams and quizzes, (assignments will not be collected/graded)

Grading: Grades will be based on two exams and 4 quizzes. You can score at most 30, 30 and 40 points on all quizzes, Exam 1 and Exam 2 respectively. On every Friday, there will be either an exam or a quiz.

Exams: Exams will be given in class, based on the materials covered in class and homework assignments. The dates are given below

Exam 1 : 05/26/2017, Time: 9.25AM, Points:30

Exam 2 : 06/16/2017, Time: 9.25AM, Points:40

Quizzes: There will be 4 (in class) quizzes. No make up quiz will be given. Each quiz is worth of 10 points and the best 3 scores will be considered and the least one will be dropped automatically. This one quiz drop option is given to overcome the emergency situations. It is highly recommended to take all 4 quizzes, if you do so at most 2 bonus points will be rewarded depending on the score. Therefore, you can score at most 30+2 points from quizzes. The quiz dates are given below

Quiz 1 : 05/12/2017, Points: 10

Quiz 2 : 05/19/2017, Points: 10

Quiz 3 : 06/02/2017, Points: 10

Quiz 4 : 06/09/2017, Points: 10

Grading Scale: The tentative grading scale is given below: A(90-100), A- (85-89), B+ (80-85) B (75-79), B- (70-74), C+ (65-69), C (60-64), C- (55-59), D (50-54), E (0-49)

Course Policies:

Attendance although not required, is highly recommended. This class is NOT offered online. If you miss a class for any reason, it is your responsibility to get a copy of the notes and all information given in class from another student. Please be aware that sections of this course with a different instructor may cover the material in different order.

Classroom Behavior - During class students should turn off their cellular phones and refrain from eating, drinking, reading newspapers, doing homework, listening to music, excessive talking and all other behaviors that are distracting and disrespectful to the instructor and their fellow students.

Privacy Policy - Student records are confidential. Only information designated UF directory information may be released without your written consent. This applies to parents or anyone else who contacts me about your grades.

Instructor's Honor Code - We the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.

Academic Dishonesty -We adhere to the University of Florida rules and guidelines for handling instances of academic dishonesty. Please refer to the Office for Student Services for detailed information about the current policies.

Grading: Grades will be changed only when an error has been made. Negotiation is not appropriate.

Exams- The exams are closed-book, closed-notes. Bring a picture ID, your calculator, pencils and erasers. Makeup exams must be approved before the time of the exam and will be given only in case of medical or family emergencies (which must be appropriately documented). All work must be entirely your own. The exams are unit tests, not cumulative.

Students with Disabilities - Students who require special accommodations in class or during exams should follow the procedures outlined by the Disability Resources Program (<http://www.dso.ufl.edu/drp/>) Please see the instructor in person during office hours, early in the semester, to discuss your accommodation letter confidentially