

STA 3032 Engineering Statistics

Summer B - Section 4718

Lecture: MTWRF 2nd period (8:30–9:20), Turlington L011

Course Webpage: www.stat.ufl.edu/

Instructor: Peter Calhoun

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Office hours: MWF 3rd period (9:35–10:25) or by appointment

Teaching Assistants:

Demetris Athienitis

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Office hours: Monday 8th and 9th period (3:00–4:55) Thursday 7th period (1:55–2:45)

Jason Murray

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Office hours: Tuesday, Wednesday, Thursday 6th period (12:50–1:40)

Ke Li

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Office hours: Tuesday 7th, 8th, and 9th period (1:55–4:55)

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.

General Education: Mathematics (M), Math Requirement (MR)

Prerequisite: MAC2311

Textbook: *Statistics for Engineers and Scientists*, 2nd edition, William Navidi
(ISBN: 978-0-07-312779-8)

Exams: There will be three in-class exams, which will require the use of a calculator capable of calculating means and standard deviations. The dates of the exams are

Exam 1: Friday, July 9th

Exam 2: Friday, July 23rd

Exam 3: Friday, August 6th (final day of class)

If you expect a conflict with an exam date or any circumstance that will prevent you from taking the exam at the assigned time, you should notify the instructor as early as

possible. If an emergency situation precludes an advance arrangement, you should let the instructor know within 24 hours of the missed exam. You will be required to provide official documentation to be eligible for make-up examination.

Quizzes: There will also be three in-class quizzes. These quizzes are designed to make sure the students are on pace with the subject and will be worth less points than the exams. The dates of the quizzes are

- Quiz 1: Friday, July 2nd
- Quiz 2: Friday, July 16th
- Quiz 3: Friday, July 30th

Homework: There will be five homework assignments to be turned in every Monday for a grade. **Late homework will NOT be accepted.** Some homework problems may require the use of Minitab (a statistical computing package) or its printouts. Minitab can be found on the CIRCA lab computers, purchased at a campus bookstore, or downloaded for free for 30 days www.minitab.com.

Grades: Grades will be assigned based on the students performance on the exams, quizzes, and homework assignments. The exams will each account for 20% of the course grade, the quizzes will each be worth 5% of the course grade, and homework will be 25%. The grading scale is as follows:

A: 93–100%	A-: 90–92%	B+: 87–89%
B: 83–86%	B-: 80–82%	C+: 77–79%
C: 73–76%	C-: 70–72%	D: 60–69%
	E: <60%	

It is the policy of the Department of Statistics not to give grades of D+. The grading scale is subject to change based on the performance of the students.

Course Policies: I adhere to the University of Florida rules and guidelines for handling instances of academic dishonesty. Please refer to the Office of Students Services for detailed information about the current policies. A grade of incomplete is only assigned when extraordinary circumstances, arising after the date for dropping off the course, prevent the student from completing the course requirements. The student must be currently passing the course and discuss the circumstances with the instructor before the final exam takes place. Having a failing grade in the course is not a valid reason for requesting an incomplete.

Instructors 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.

Accommodations for Students with Disabilities: Students requesting classroom accommodation must first register with the Dean of Students office. The Dean of Students will provide documentation to the students who must then provide this documentation to the Instructor when requesting information.

Privacy Policies: Student records are confidential. Only information designated “UF directory information” may be released without your written consent. UF views each student as the primary contact for all communication. If your parents contact me about your grade, attendance or other information that is not “UF directory information”. I will ask them to contact you.

Material Covered: The goal is to cover chapters 1, 2, 4, 5, 6, 7, and 8.

The instructor reserves the right to update any parts of this syllabus as necessary. Students will be notified of any changes.