

STA-2023: Introduction to Statistics 1

Section 5125 / Summer B 2010

Course Information and Policies

Course Objective: A survey of the basic concepts in probability and statistics with general applications. Topics include probability, discrete and continuous random variables, sampling distributions, parameter estimation, hypothesis testing and confidence intervals.

This course satisfies general education credits in the mathematical sciences. Students learn how to summarize data and how to make appropriate decisions based on data.

Instructor: Claudio Fuentes; 101-C Griffin-Floyd Hall; cfuentes@stat.ufl.edu.

Teaching Assistants: There will be four T.A.'s for the class:

Heemin Choi	heemin@stat.ufl.edu
Gulver Karamemis	gkaramemis@stat.ufl.edu
Dwight Lutz	dlutz@stat.ufl.edu
Shu Wang	shuwang@stat.ufl.edu

Lectures: Monday to Friday Period 5 (2:00 - 3:15 PM), Room CAR 0100.

Office Hours:

- Instructor: 101-C Griffin-Floyd Hall, Tuesday, Wednesday and Thursday 3:30 - 4:30 PM and/or by appointment.
- Teaching Assistants: 104 Griffin-Floyd Hall, Monday to Thursday 10:00 AM - 2:00 PM and 3:30 - 5:30 PM. Friday 9:00 AM - 2:00 PM.

If you think you need additional help, a list of private tutors from the Statistics Department can be obtained from the statistics staff in Griffin-Floyd 102.

E-Learning: Grades, homework and any other relevant information related to the class will be posted on the E-Learning web page at <http://lss.at.ufl.edu>.

Required Supplies:

- Textbook: "Statistics: The Art and Science of Learning from Data" by Alan Agresti and Christine Franklin. Second edition, Pearson, 2009. ISBN: 0135131995.
- Any calculator that has some basic statistical functions (mean and standard deviation).

Other Recommended Supplies:

- Lab Workbook for "Statistics: The Art and Science of Learning from Data" by María Ripol and Megan Mocko. Second edition, Pearson. ISBN: 0136037356.
- Minitab statistical software: Minitab can be found at the CIRCA lab computers <https://labs.at.ufl.edu/>, purchased at the campus bookstore or downloaded for free for 30 days from www.e-academy.com/minitab.

Attendance: Students are expected to attend all the lectures and are responsible for all material covered in class. If you miss a class, it is your responsibility to make arrangements with a classmate to borrow the notes and any handouts from them. Handouts will be distributed once and only once. If you miss a class on which a quiz is given, you will get 0 points on that quiz.

Homework: Homework will be posted weekly on E-Learning and will be announced in class. Homework will not be collected, but it is good practice for quizzes and exams.

Quizzes: There will be a total of 12 quizzes, but only the best 8 quizzes will be considered to compute the final quiz score Q . In other words, $Q = q_1 + q_2 + \dots + q_8$, where q_1 represents the score of the best quiz out of the 12, q_2 represents the score of the second best quiz out of the 12, and so on.

Quizzes are unannounced. Students will be given the quizzes any time during the class period on any given day, so you have to be constantly studying if you want to do well in the quizzes. There will be no make up quizzes.

Each quiz is worth 12.5 points and the questions will be entirely based on the previous day's lecture. For instance, if a quiz is taken on Wednesday July the 7th, the questions will be entirely based on the material discussed (in class) on Tuesday July the 6th.

Exams: There will be a total of 3 exams each worth 100 points. You will need to bring your calculator, pencil and UF ID. The exams will not be cumulative. Make-up exams will not be given except for medical or family emergencies and each case will be reviewed individually. Valid and detailed documentation is a prerequisite under such extenuating circumstances and the instructor must be notified. The exams will be taken during the class periods on the following dates:

- Exam 1: July 9th
- Exam 2: July 23rd
- Exam 3: August 6th

Grading: The final grade will be computed as follows: $0.25 \times E1 + 0.25 \times E2 + 0.25 \times E3 + 0.25 \times Q$, where $E1$, $E2$, $E3$ denote the scores for the exams 1, 2 and 3 respectively and Q represents the final score for the quizzes.

The grading scale will be the following: A: 90.0-100% of total points, A-: 87.0-89.99%, B+: 84-86.99%, B: 80.0-83.99%, B-: 77.0-79.99%, C+: 74.0-76.99%, C: 70.0-73.99%, C-: 67.0-69.99, D+: 64.0-66.99%, D: 60.0-63.99%, D-: 57.0-59.99 and E: 56.99% or lower.

The grading scale is not fixed, but a curve will not be guaranteed.

Grading will be changed only when an error has been made. Negotiation is not appropriate. No appeal process.

Academic Dishonesty: 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.

Incomplete Grade: Incomplete grades are only assigned in extraordinary circumstances, arising after the date for dropping of the course, preventing 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 grade.

Reasonable Accommodations: To request classroom accommodations, please be certain that you have made all necessary arrangements with the Dean of Students Office, and obtain from them a letter to submit to the instructor at the time of your request. A request must be made to the instructor at least one week in advance of the date for which the accommodation is requested.

Hurricane Policies:

- If a hurricane/tropical storm approaches the coast of Florida, but classes are not canceled at the University of Florida, the course will continue as scheduled. If you believe that your situation requires special consideration, you must contact the instructor immediately.
- If a hurricane/tropical storm approaches the coast of Florida, and classes at the University of Florida are canceled, the lectures and quizzes will be suspended until the University re-opens. The University will announce this closure on the University of Florida homepage. Any announcements regarding the course will be posted on E-Learning.

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.*