

STA 2023: Introduction to Statistics I

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| Course Instructor: Melissa Crow Office: 116C Griffin Floyd Hall Email: mcrow@stat.ufl.edu | Course TA: Steven Foti Office: 101C Griffin Floyd Hall Email: fotisj@stat.ufl.edu |
| Office Hours: MW 3 rd period (9:35-10:25 am) TTh 7 th period (1:55 pm-2:45 pm) or by appointment | Weekly Reviews: Wednesdays 7-9 pm in Griffin Floyd 230 or by appointment |

General Course Information

Course Objective: Gathering and exploring data through numerical summaries and graphs; probability; binomial and normal probability distributions; sampling distributions; confidence intervals; basic hypothesis tests

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. (This course is the general education category of M.)

Announcements and Updates: Information and dates listed in the syllabus are tentative. All important deadlines, exam dates, homework assignments, and other announcements will be posted to the e-learning course page in sakai (<https://lss.at.ufl.edu/>). Please check this page at least once a week for updates.

Required Materials:

- Workbook: *Lab Workbook for Statistics: The Art and Science of Learning from Data—3rd edition*
- Textbook: *Statistics: The Art and Science of Learning from Data* by Alan Agresti and Christine Franklin 3rd edition, Pearson, 2009. (used, new, or online)
- Calculator: **TI83/84 graphing calculator (strongly recommended)**
- Three ring binder and paper for notes
- Pencil/ pen

Course Structure

Lectures: There will be three lectures per week: Mondays, Tuesdays, and Thursdays, 8:30 am – 9:20 am in Turlington 2342. It is strongly recommended that you attend all lectures, and bring your lab workbook with you for notes.

Labs: There is a lab component to this course. Labs will be held every **Wednesday in CBD 110B** during regular class time (8:30-9:20 am) **unless** there is an announcement otherwise. You must bring your lab workbook and calculator to lab. Unfortunately, because labs are group activities, no makeups are available.

Homework: There will be homework assignments due on Thursday nearly every week. Every Wednesday, there will be a homework help/ review session, and of course you are welcome to stop by office hours or make an appointment for additional help. Homework assignments will be posted each Thursday on e-learning; students are responsible for printing the assignment form.

Quizzes: Each week on Thursday there will be a quiz on the homework that you turn in. This will be short, often only 1-2 problems, and will be very similar to the homework and class examples. Makeup quizzes will be offered only when necessary, within the week following the exam. Permission to make up a quiz must be given prior to the quiz, except in the case of documented emergencies.

Exams: There will be four exams. You must bring your calculator and pencils (or pens) to each exam. If you are absolutely unable to make the scheduled exam, you must let me know at least a week in advance. In case of illness or emergencies, please notify me as soon as possible (by 5:00 pm the day of the exam) and provide documentation in order to schedule a makeup exam. During the week of the exam, there will be no homework, quizzes, or labs due, and we will do additional review in class and in an evening review session.

| Tentative Exam Schedule | |
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| Exam 1 | Tuesday, September 18 th , 6:30 pm-9:30 pm |
| Exam 2 | Wednesday, October 10 th , 6:30-9:30 pm |
| Exam 3 | Tuesday, November 6 th , 6:30 – 9:30 pm |
| Exam 4 | Final exam: Monday December 10 th 7:30-9:30 am |

Course Grading

| Assessments | Percent of Grade |
|---------------|------------------|
| Labs* | 10% |
| Homework* | 10% |
| Quizzes* | 10% |
| Exams | 60% (15% each) |
| Participation | 10% |

* The lowest grade from each * category will automatically be dropped.

** Credit for participation is not automatic. Please make sure to pay attention in class and labs.

How to Succeed:

General Recommendations:

1. Be on time to all lectures and labs. If you miss class, contact me or another student to get the notes.
2. Pay attention in class and take notes. Please avoid texting, reading the news, checking your email, eating, etc. during class; these are distracting for you and your fellow students.
3. Review your notes after each class to make sure you understand.
4. Ask questions any time if you are confused or need assistance—we're here to help!
5. **DON'T** procrastinate—the material is cumulative, and is much easier to learn if you study a little and do a few homework problems each day.

How to Get Help:

1. Feel free to ask quick questions before or after class.
2. Stop by my office hours.
3. Email me or your TA to set up an appointment.
4. Go to the weekly review/ homework help sessions on Wednesday nights.
5. Let me know any problems relating to this class as soon as possible.

Course Policies

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.

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.

Privacy Policies: Student records are confidential. All information regarding your participation in this class will go to either the university or to you directly. If your parents contact me about your grades, I will refer them to you.

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

Incompletes/ Final Grades: Incompletes will only be assigned due to extreme circumstances, with the appropriate documentation. All grades are final; there are no appeals and no makeups, except as specified earlier in the syllabus.