

STA 2023: Introduction to Statistics I

Megan (Meece) Mocko

117B Griffin Floyd Hall

392-1941 Ext. 211

Office Hours: M 2 to 4pm; T 9 to 10am; R 9 to 10am

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Teaching Assistants: Megan McCall and Nate Holt

Private Tutoring Hours setup by appointment:

- **Megan McCall: Wednesday 3rd and 5th period in 232 Griffin Floyd**
- **Nate Holt: Friday 4th and 6th period in 116D Griffin Floyd**

Review/ Homework Sessions: Every Tuesday and Wednesday (6to 8pm) in Griffin Floyd 230

Course Objective: Graphical and numerical descriptive measures, probability, conditional probability, probability laws, discrete random variables, binomial and normal random variables, sampling distributions, central limit theorem, large and small sample confidence intervals for parameters associated with a single population and for comparison of two populations. Hypothesis testing for large and small samples.

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.)

Required Supplies:

- Textbook: *Statistics: The Art and Science of Learning From Data* by Agresti/Franklin
- Three ring binder for course notes

My expectations of you:

- Arrive on time and review your notes after each class
- Ask questions if you do not understand something
- Make it your goal to understand everything that we do
- Inform the instructor of a problem in a timely manner

Grading Structure:

Experiments	% of Grade
4 Exams	68% (17% per exam)
7 Labs (Highest 6 will be counted)	9%
Homework	9%
Quizzes	9%
Notebook Checks	5%
Total	100%

Grading Scale:

Letter Grade	Grading Scale
A	89.5% and greater
B+	85.5% to 89.49%
B	79.5% to 85.49%
C+	75.5% to 79.49%
C	64.5% to 75.49%
D	60% to 64.5% (No D+ given)
E	59.9% and lower

E-Learning: Grades will be posted in E Learning throughout the semester in a timely manner.

Exams: There will be total of 4 exams. You will need to bring your calculator and a pencil. If a student is unable to take an exam at the scheduled time, they must get in touch with me one week prior to the exam for any arrangements to be made for a makeup. Each case will be reviewed individually. Valid and detailed documentation is a prerequisite under such extenuating circumstances. In case of illness, the instructor must be notified on the day of the exam by 5pm and must receive a medical excuse.

Date of Exam	
Exam 1	Tuesday, February 5 th 6:30 to 10:30 pm
Exam 2	Wednesday, March 5 th 6:30 to 10:30 pm
Exam 3	Wednesday, April 2 nd 6:30 to 10:30 pm
Exam 4	Wednesday, April 23 rd 6:30 to 10:30 pm

Labs: The labs will be conducted in CBD 110B on Thursdays: 1/17, 1/31, 2/14, 2/28, 3/27, 4/10, and 4/17.

Quizzes: There will be a short in-class quiz essentially every other day at the beginning of the class period. There will be about 24 quizzes. Ten percent of the quizzes will be dropped. There will not be any makeups.

Homework: Homework will be assigned on Thursday and due the following Thursday. There will be 12 assignments. The highest 10 will be counted. Homework assignments will be accepted up to one week late for partial credit. Homework will not be accepted after 5pm one week after the due date.

Notebook Checks: There will be 4 notebook checks throughout the semester. It is critical that these items be kept up to-date in order to create the best learning environment for you. These checks will occur slightly before each exam.

- The notebook should have four parts: Weekly Schedule, Notes, Activities and Homework.
 - **Course Information:** This section should contain the syllabus and the course calendar.
 - **Notes:** Notes will be distributed during class for you to fill in. The notes must be completed for full credit for the notebook check. If you are not here, you need to check with Megan McCall or Nate Holt to get a copy of the completed notes before the date of the Notebook Check.
 - **Homework:** Homework assignments should be completed and kept in order in this section of the notebook. These assignments are explicitly given to prepare you for graded quizzes and exams.
 - **In Class Assessments:** All graded assignments (labs, quizzes, tests) should be included in this section in order.

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.

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

Incomplete: Incompletes are 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.

Getting Help:

- Drop in help during my office hours
- Before or After class
- One-on-one by appointment with the teaching assistants at Wednesday 3rd and 5th period or Friday 4th and 6th period
- One-on-one with instructor by appointment

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.

Monday	Tuesday	Wednesday	Thursday
1/7 Notes	1/8 Notes	1/9 Notes	1/10 Notes
1/14 Notes	1/15 Notes	1/16 Notes	1/17 Lab <u>*HW 1 due</u>
1/21 <i>No Classes</i>	1/22 Notes	1/23 Notes	1/24 Notes <u>*HW 2 due</u>
1/28 Notes	1/29 Notes	1/30 Notes Notebook Check 1	1/31 Lab <u>*HW3 due</u>
2/4 Review	2/5 Exam 1	2/6 Notes	2/7 Notes
2/11 Notes	2/12 Notes	2/13 Notes	2/14 Lab <u>*HW4 due</u>
2/18 Notes	2/19 Notes	2/20 Notes	2/21 Notes <u>*HW5 due</u>
2/25 Notes	2/26 Notes	2/27 Notes <u>*HW 6 due</u> Notebook Check 2	2/28 Lab
3/3 Notes <u>*HW7 due</u>	3/4 Review	3/5 Exam 2	3/6 Notes
3/10 <i>Spring Break</i>	3/11 <i>Spring Break</i>	3/12 <i>Spring Break</i>	3/13 <i>Spring Break</i>
3/17 Notes	3/18 Notes	3/19 Notes	3/20 Notes <u>*HW8 due</u>
3/24 Notes	3/25 Notes	3/26 Notes <u>*HW 9 due</u> Notebook Check 3	3/27
3/31 Notes <u>*HW 10 due</u>	4/01 Review	4/02 Exam 3	4/03 Notes
4/07 Notes	4/08 Notes	4/09 Notes	4/10 Lab <u>*HW 11 due</u>
4/14 Notes	4/15 Notes	4/16 Notes Notebook Check 4	4/17 Lab <u>*HW 12 due</u>
4/21 Notes	4/22 Review	4/23 Exam 4	