STA2023.80 Syllabus - Fall 2022

8/15 - 12/8

Note: This section of STA 2023 is a Hy-Flex class which meets once a week. You can attend in person or via Zoom. The Zoom links can be found by clicking "Zoom" on the left side. All of my Zoom lectures are recorded and saved in the Zoom cloud recordings.

Use the resources in the multimedia library to learn the lessons. You are welcome to work ahead of schedule.

Required Materials: Make sure to get the MyMathLab access code on or by the first day. Your first assignment is due soon. This is the assignment I use for attendance verification.

***You need the MyMathLab access code to do the assignments**

I. Course Information

Course Title: Elementary Statistics
Course No. and Section: STA2023.04
Instructor Name: Jennifer Duncan
Credit Hours: 3
Course Location: Levy 208 or via Zoom
Meeting Date: Thursdays 11:00-12:15pm
Office Location: Ocala 2-207 & Levy 214D

Office Hours: See below

Telephone No.: (352) 854-2322 ext. 1254
Email: duncanj@cf.edu

Office Hours:

Monday: 12:30-2pm 2-207 Ocala + 3:30-4:30pm in 7-111 Ocala + 1 Virtual hour 7-8am

Tuesday: 12:30-2pm 214D Levy + 1 Virtual hour 7-8am

Wednesday:12:30-3pm 2-207 Ocala + 1 Virtual hour 7-8am

Thursday: 12:30-2:30pm 214D Levy + 1 Virtual hour 7-8am

Extended Emergency Closure

"For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website (CF.edu)."

Please allow 48 hours for a response to homework questions on the weekend and 24 hours Monday through Friday. Remember that I do not check emails on Saturdays, Sundays, and holidays so the response time may be longer depending on when the email was received.

II. Course Description

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STA 2023—Elementary Statistics (3)

A study of descriptive statistics, probability theory, random variables, hypothesis tests, confidence intervals, correlation, simple linear regression, and nonparametric statistics. Students will be required to show a proficiency in interpreting and relating a set of data or circumstances to a definition, equation or mathematical concept. This course fulfills the requirement for a college level mathematics course. Gordon Rule applies.

Required:	MYSTATLAB STUDENT ACCESS CODE CARD	**Optional Materials (Text):**	ELEMENTARY STATISTICS (LOOSE)-PACKAGE
ISBN #:	9780136803102	**Author of Text:**	TRIOLA (14th Ed.)
Required Materials:	MYMATHLAB access code and scientific calculator *Please have your access code on the first day. It can be purchased at either the bookstore or from Pearson directly.		

Calculator: A specific calculator is not required for this course, although any calculator capable of basic operations will suffice. I recommend the TI-30XS *Multiview*. This is an inexpensive calculator that will serve you well in MGF 1106, MGF 1107, MAC 1105, and MAT 1033. **You may not use your phone as a calculator during tests.**

***Getting caught using your phone during a test is considered cheating. Honorlock can detect when a mobile device is being used and they notify me right away with**

documentation. If this happens, you will be referred to the academic integrity program for cheating, a grade of 0 will be applied to the test, and a grade of FF will appear on your transcript until you complete the academic integrity program.

Note: All tests are online, but must be proctored. We use Honorlock here at CF, but you are welcome to use any of the CF testing centers.

Course ID: Not needed, log in through Canvas. Click on our class, then on "MyLab and Mastering", then follow the prompts.

III. Student Learning Outcomes/Course Objectives

The following list offers students a consistent way to see how CF's global learning outcomes are assessed in each class. This is for information purposes only and does not change the grading system used in this class. Only those learning outcomes relevant to this course are included below.

Learning Outcomes & How Measured

Quantitative and Analytical Reasoning: The student will understand and apply mathematical and scientific principles and methods.

1. Perform accurate computations using order of operations with and without technology.

How Measured: Quiz, Exam, and Classroom Activity

2. Identify and organize relevant information and complete the solution of an applied problem.

How Measured: Quiz, Exam, and Classroom Activity

3. Interpret and communicate understanding of visual representations of data.

How Measured: Quiz, Exam, and Classroom Activity

4. Demonstrate mathematical number sense and unit sense.
   How Measured: Quiz, Exam, and Classroom Activity

- **This course uses Canvas to post course announcements, the syllabus, discussion posts, and email.**
    - Go to https://mycf.cf.edu/elearning, and follow the instructions to login to Canvas.
    - If you are not familiar with Canvas, you may access a self-tutorial by hovering over the Courses tab in Canvas and clicking on the Getting Started in Canvas course. Additional Canvas tutorials can be found under the help menu in the upper-right corner of your Canvas page.
    - If you have any questions or encounter any problems logging on to Canvas or within the system, contact the Distance Learning Help Desk Monday through Friday, 8 a.m.-4:30 p.m. (fall and spring hours), at dlhelp@cf.edu or at 352-854-2322, ext. 1317.

- **This course requires 5 proctored assessments**.
    - We will be utilizing Honorlock for proctored testing through canvas. You will need your photo id or student id, working web camera and microphone, google chrome browser with pop-up blocker disabled, and all the necessary tools for the test (scrap paper, pen or pencil, calculator). There is no fee for this service this summer. For assistance with online proctoring after you have contacted your instructor, please contact E-Learning at 352-854-2322 ext. 1317.
    - Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection.
    - To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install
    - When you are ready to test, log into Canvas, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.
    - Good luck! Honorlock support is available 24/7/365. If you encounter any issues, you may contact them by live chat, phone (844-243-2500), and/or email (support@honorlock.com).

Attendance Verification for Financial Aid: Attendance Verification is submitted each semester for financial aid. Federal Student Aid requires that attendance is based on academic attendance or attendance at an academically-related activity. For this class, **your attendance is verified based on completion of first assignment in MyMathLab**. Please contact me if you complete your first assignment AFTER I submit attendance verification.

HOW THE COURSE WORKS:

Note: Some sections of this class do not have scheduled meetings. Others meet once or twice a week, depending on section.

1. Students will log in to CANVAS from the CF web portal or http://www.cf.edu/distance/ (Links to an external site.)

2. After logging in to CANVAS, click on "MyLab and Mastering" at the top of the left side of the screen and then follow the prompts. Here you either enter your access code you purchased or buy an access code directly to register for Pearson. IF you cannot afford to purchase the access code right away, you can still register and get a temporary code which will last for 14 days. The access code will give you access to an e-book, videos, and powerpoints, homework, quizzes, and tests.

3. Once registered in **MyMathLab/Coursecompass**, students use the learning resources in MyMathLab (MML) such as the e-book, videos, PowerPoints, watch animations (if available) provided, etc. (located in MML by clicking the Multimedia Library tab) to do the homework, quizzes, and tests in the assignment section of MML. If additional help is needed to understand the concepts, students can use **ASK A TUTOR OR ASK MY INSTRUCTOR** link in the homework problems or use on campus resources.

4. After attending/viewing the Zoom lecture, do the assigned homework. Homework can be done an infinite number of times to achieve mastery before taking quizzes.

5. After completing and practicing the homework, you are ready to take the accompanying quiz. Each quiz can be done, at most, three times. Your highest quiz grade is used in the calculation of your overall grade.

6. After reviewing your quizzes and homework, take the practice test. The practice tests are very similar to the actual tests.

7. After taking and reviewing the practice test at least once, take the actual test.

To **take a test:** Click on "Honorlock" in Canvas, not in MML. You will be prompted to answer a few questions from Honorlock before the test starts.

Note: I allow StatCrunch to be used during tests, but Honorlock will not allow it to be opened all the time. It will not open if you use a MacBook or something similar. If you want to use StatCrunch and guarantee that it will open for you, I recommend taking your tests at one of the CF testing centers.

IV. Assessment

Attendance: (Lecture Only) Attendance will be taken daily via Zoom, but does not count toward your final grade. Students who attend class regularly tend to perform better. Each student is required to attend all class meetings. Attendance is required for all tests and **there will be NO make-up tests**. Non-attendance does not constitute withdrawal from this course. It is the student's responsibility to complete the withdrawal forms by the appropriate date.

Homework: Students have unlimited attempts on the homework and practice problems. Powerpoints are provided to help you understand the topics covered. The student is expected to complete each assignment and if the student encounters difficulties with a problem(s), then the students should click the VIEW AN EXAMPLE or ASK MY INSTRUCTOR button which sends an email alert to the instructor. The student can also get assistance from MML online tutors (just click the tab that says ASK A TUTOR) or the student can get assistance in the on-campus Math Center. The homework assignments have due dates posted in MyMathLab. Only the highest homework score counts toward the grade. Only homework and practice problems completed prior to the due date will receive credit.

Quizzes: Students have three attempts on each quiz. Only the highest quiz score counts toward the grade. Only quizzes completed prior to the due date will receive credit.

Tests: This is an Online/Hybrid class that requires proctored testing. Honorlock is recommended, but you may test at a CF testing center with an appointment. Locations and hours of operation of the various CF testing centers is located here: https://www.cf.edu/go/assistance/testing/testing-locations/

Passwords are only given to testing administrators. Students have one attempt at each test. There are practice tests for each test that can be done an infinite number of times that will help you prepare for each test and do not count for or against you. Your lowest test grade, not including the final, will be dropped. There are no make-ups for tests.

Final Exam: The final exam is mandatory.

Disclaimer: Due to unforeseen happenings, it may be necessary to alter the course assignment schedule. I will always strive to be fair about any changes.

Grading Breakdown:

Exams:	50%
Quizzes:	20%
Projects:	0%
Homework:	30%
Attendance:	0%

Grades: Final grades will be based on the overall percentage of the course

A	**100% -90%**
B+	**89% - 87%**

B	**86% - 80%**
C+	**79% - 77%**
C	**76% - 70%**
D	**69% - 60%**
F	**59% - 0%**

Make-up policy: No make-up work will be given unless there is an emergency or prior approval has been given by the instructor. In such an event, you must notify your professor before the exam or item is due unless the emergency prohibits it and you will be asked to bring proof of the emergency. A make-up exam must be taken within one week of the original exam date unless the emergency prohibits it. While you do not need to disclose personal details, let your professor know as soon as possible if something is preventing you from participating online or completing work.

V. Course Schedule/Outline

Week	Topic
Week 1	**Introduction** **Chapter 1**
Week 2	**Chapter 2**
Week 3	**Chapter 10** **Chapter 3**
Week 4	**Test 1 Chapters 1-3, 10: Due 9/9 by 11:59pm**
Week 5	**Chapter 4**
Week 6	**Chapter 4**
Week 7	**Chapter 5**
Week 8	**Test 2 Chapters 4 & 5: Due 10/7 by 11:59 p.m.** **Chapter 6**
Week 9	**Chapter 6**

Week 10	**Chapter 6**
Week 11	**Chapter 8**
	Chapter 8
Week 12	**Test 3 Chapters 6 & 8: Due 11/4 at 11:59 p.m.**
Week 13	**Chapter 7**
Week 14	**Chapter 7**
Week 15	**Chapter 9**
	Chapter 9
Week 16	**Test 4 Chapters 7 & 9: Due 12/2 by 11:59 p.m.**
Final Exam	**Final Exam: Due 12/7 by 11:59p.m.** ***There are NO extensions on the final.**

No classes on Sept. 5th, Oct. 4th, Nov. 11th, and Nov. 23-27th.

Note: You are welcome to take any test before or on the due date, but <u>not after</u>.

STATEMENT: Due to unforeseen happenings, it may be necessary for the course assignment schedule to be altered. The instructor will always strive to be fair about any changes

Note: You are welcome to take any test before or on the due date but not after

On-Campus Tutoring:

***Tutoring is free for CF students*:**

Ocala Campus	Mathematics Lab,	Building 7, Room 106	352-854-2322, ext. 1259
Ocala Campus	Learning Support Center	Building 3, Room 101	352-854-2322, ext. 1246