

STA 2023 – 10H – 3 credits
Honors Introductory Statistics



Instructor: Dr. Warren McGovern
Office: HC 101
Phone: 561-331-2128 (don't use –instead email me)
Meetings: Tuesdays 9:30am-12:40pm
Office Hours: By appointment: via zoom hours
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COURSE MEETINGS: DISTANCE LEARNING ONLINE LIVE LECTURE

COURSE DESCRIPTION: An introductory course covering descriptive statistics, probability, binomial and normal distributions, sampling distributions and hypothesis tests, and sampling procedures. Laboratory required. This is a General Education course.

PREREQUISITES: MAT 1033 or MAC 1105 or MGF 1106 or MAC 2233

GOALS. Some specific goals of the course are for you to:

- think critically (always a goal in mathematics classes);
- communicate effectively, especially by writing precisely about technical things;
- use technological tools such as Excel and internet statistics calculators and in an appropriate manner;
- improve logical thinking and problem-solving skills.

TEXT: *Introduction to Probability and Statistics, 15th Edition* Mendenhall, et al., by Cengage.

You will be required to purchase a semester access to the e-book and Webassign. You can buy this through the campus bookstore or you can buy it directly from Cengage.

Here is the link to a Cengage video that will help you get registered: <https://play.vidyard.com/WuQeps5jUErLbnEzRzJEDy>

Here is the link to purchase the book directly from Cengage. Make sure to select Digital Platform. Should list as \$95.00

<https://www.cengage.com/c/introduction-to-probability-and-statistics-15e-mendenhall/9781337699228/?searchIsbn=9781337699228>

If you want to buy it through the FAU bookstore purchase only the required textbook and webassign access. Here is a link to the book at the FAU bookstore. Should list as \$120.

WebAssign for Mendenhall/Beaver/Beaver's Introduction to Probability and Statistics, 15th Edition

Here is a link to the book at the FAU bookstore.

<https://www.bkstr.com/faustore/course-materials-results?shopBy=course&divisionDisplayName=&departmentDisplayName=STA&courseDisplayName=2023§ionDisplayName=10H&programId=4649&termId=100074164>

ATTENDANCE. You are responsible for all material covered in the video lectures. In a remote learning environment attendance is not an issue. However, I do expect you to attend the Zoom class on Tuesdays. I have created the lecture videos with the Webassign HW in mind. I have uploaded them to Youtube and have posted the links in Assignments > Videos.

HOMEWORK. Please read the sections in the book and watch the videos for each chapter. Then complete the assigned **WebAssign** homework before the due date. **WebAssign** will be used to submit homework. Homework should be submitted by the posted deadline to get credit. My default setting is that you will get 4 attempts on each HW, and your best score on each problem will be counted. Each HW problem has been assigned a value. **Webassign** does give partial credit. Your final grade in HW will be to take the total number of points earned divided by the total number of points assigned.

Please come to office hours or visit the math tutors if you have additional questions about the homework.

QUIZZES AND (NO) MAKEUP POLICY. There will be several quizzes assigned to help ensure that you stay on top of the material. These will be either designated a Canvas Quiz or a Tuesday Quiz. The point of the quiz is to test your understanding of the material. You may use your notes, excel, and calculators to take the quizzes. But you are not allowed to work with others for either of the two types of quizzes. You should definitely NOT work together on the quizzes. This will include finding the solution online without doing the work There will be a deadline for the quizzes. You will only be allowed to try the quiz one time. Be sure to allot yourself enough time to complete the canvas quiz in one sitting.

WORKLOAD AND ASSISTANCE. Since this is an accelerated class you should expect to spend **10 to 12 hours each week**, outside of class, on the course material. This includes watching the course videos, reading the textbook, and completing the homework. Please ask questions and seek assistance as needed. I encourage you to make use of my (zoom) office hours.

GRADING.

55%	Homework -- Webassign
15%	Projects
20%	Quizzes -- Canvas
10%	Quizzes -- Tuesday

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0 – 59

FREE MATH TUTORING

The MLC provides the following FREE tutoring for all FAU students in their math courses:

- **ONLINE:** Please see <https://www.fau.edu/mlc/remote/> for available days/times and links to online tutoring. All tutoring is drop-in (no appointments are needed) and is available via Zoom.
- **IN PERSON:**
 - Drop-in tutoring in the MLC GS211 during all hours of operation
 - Monday – Thursday: 10am – 5pm
 - Friday: 10am – 4pm
 - Small group tutoring by appointment
 - Appointments can be made in TutorTrac by going to <https://tutoring.fau.edu/>. Login with your FAU ID and password and click on ‘Search for Availabilities.’ For Center, choose ‘Math Learning Center.’ (or ‘SAM Lab’ for Methods of Calculus). Choose your section (class) and click ‘Search.’ Choose your time and then click ‘Save.’
 - Each session is 50 mins in length, maximum three students.
 - Students may make a MAXIMUM of TWO appointments per week for any course they are currently enrolled in (based on availability).
 - Cancellation policy: You can cancel your appointment no less than two hours prior to the appointment by logging into TutorTrac (<https://tutoring.fau.edu/>) and clicking the “X” next to your appointment on your home screen. Missing an appointment without cancelling is called a no-show. If you accumulate 2 no-shows during the semester, all appointment privileges will be suspended and you will only be able to use the drop-in or online tutoring for the remainder of the semester.

Please email mlc@fau.edu should you need further information or have questions.

Policy on Accommodations

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU’s campuses -- Boca Raton, SU 131 (561-297-3880); in Davie, LA 131 (954-236-1222); in Jupiter and all Northern Campuses, SR 111F (561-799-8585). Disability services are available for students on all campuses. For more information, please visit SAS website at www.fau.edu/sas/.

Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU’s Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

Academic Integrity Policy

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#).

Plagiarism

Plagiarism is the deliberate use and appropriation of another's work without identifying the source and trying to pass off such work as one's own. Any student who fails to give full credit for ideas or materials taken from another has plagiarized. This includes all discussion board posts, journal entries, wikis, and other written and oral presentation assignments. Plagiarism is unacceptable in the University community. Academic work must be an original work of your own thought, research, or self-expression. When students borrow ideas, wording, or organization from another source, they must acknowledge that fact in an appropriate manner. If in doubt, cite your source.

Classroom Etiquette Policy

In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions. Please act responsibly during a zoom meeting.