

COURSE: STA 2023-U02 Business Statistics, Spring 2023

INSTRUCTOR: Mr. McGuckian [Pronounced (Mick-Guck-in)]

PHONE: 305-348-2741 MY EMAIL: mcguckd@fiu.edu

DEPARTMENT: Mathematics and Statistics in the College of Arts and Sciences

OFFICE HOURS: Mon, Wed, & Fri 12:00 - 12:50, 3 – 3:50 in DM 406B or by appointment (note: I am available at more times than these, just ask). **Please email me at least three hours in advance to let me know you are going to attend office hours to ensure I don't step out and miss you.**

---

UNIVERSITY CORE CURRICULUM CATEGORY: MATHEMATICS

LEARNING OUTCOMES:

Students will determine appropriate Statistical models and methods in problem solving and demonstrate an understanding of Statistical concepts. Students will apply appropriate Statistical models, Statistical Inference and methods in problem solving.

TEXTBOOK: I do not require a textbook for my course. Detailed notes and the homework for the course can be found here: [Click STATS I.](#)

OBJECTIVE: This course is designed to provide undergraduate students with an introduction to some of the methods of statistical estimation and inference.

Statistics is widely used in business, government, and academia to make decisions based on quantitative reasoning. It gives the practitioner quantitative methods to estimate the value of, and to make inference about, important attributes of the population being considered. This course will lay the foundation for more in-depth study of statistical methods, or simply provide the student with a basic understanding of how statistics is used to aid the decision-making process. Prerequisite: High School Algebra

CONTENT: The content for this course may be found in the course syllabus, which can be downloaded at: [FIU Statistics Courses.](#)

HOMEWORK: Homework is not graded, nor is it collected. However, it must be completed to do well on the exams. You learn from doing the homework.

**EXAMS:**

There will be three exams and a cumulative final exam (all equally weighted at 100 points). Exams are timed; late submissions will receive a zero. A missed exam will result in a zero for that exam. There are **NO** makeup exams, and everyone must take the final. If your final exam grade is higher than the lowest of your first three exam grades, I will double your final exam grade to replace the lowest test grade. If you have missed one exam the final will be doubled to replace that missing grade. Therefore, if you have more than one emergency during the term that causes you to miss more than one exam you are encouraged to drop the course. Also, it is your responsibility to keep any returned examination papers if you believe a grade was misreported. Any needed correction to an exam grade must be made within two class meetings of the date the exam was returned.

**GRADING:**

The sum of the points earned on your four exams will make up your overall grade. The scale will be based on the following totals:

Letter Grade	Required Points			Letter Grade	Required Points		
A	400	-	358	C+	305	-	294
A-	357	-	346	C	293	-	278
B+	345	-	334	D	277	-	238
B	333	-	318	F	237	-	0
B-	317	-	306				

**Please note that I do not issue grades of incomplete unless you have documentation of an unforeseeable emergency that prevents you from taking the final exam and this emergency occurs after the drop deadline.** It is your responsibility to withdraw yourself if you are not doing well in the course, or you must stay in the class and take whatever grade you earn.

**CALCULATORS:**

Students will need a photo ID on test days. Students may only use standard/basic, scientific, or graphing calculators. The TI-30x IIs by Texas Instruments is a great choice. Cell phones and all other WiFi enabled devices are prohibited during exams. They are not allowed out of your bag during exams.

**TECH USUAGE:**

Laptops, tablets, phones, and other digital devices are distracting to you and distract others sitting nearby. As a result, I ask that you choose to occupy a seat in the last three rows of class if you plan to use one of these devices during lecture. Please do not record our lectures using video. It is very distracting to have someone pointing a recording device at you. Also, try to remember to keep phones on silent during class.

**GET AN A!:**

**Step 1:** Review the in-class examples before starting your homework.  
**Step 2:** Complete the homework on schedule.  
**Step 3:** Get help on what you couldn't do in the homework.  
**Step 4:** Review before the exam, do not cram!  
Repeat this for 16 weeks and enjoy the A on your transcripts forever.

EXAM DAYS:

Everyone needs to have a calculator, pen, photo ID, and any needed formulas and tables from our website (I do not hand out tables and formula cards). The person sitting next to you should not have the same exam version that you have. I will drop a stack of pre-sorted exams at the end of each row. As you pass them down to the end of the row you will make sure your neighbor has a different exam version than yourself. You will turn in your exam, scrap paper, answers, and formula sheet. It is important that you place your answer sheet in the pile with the first letter of your last name above it. The answer sheet should have no work on it—only answers. Do not erase your answer choices, if you wish to change an answer cross it out and write the new letter directly next to the crossed-out answer. Be prepared to show your ID when turning in your test.

SCHEDULE:

[Click Tentative Schedule](#)

DISHONESTY:

Any form of cheating or academic dishonesty is strictly forbidden in this class. If I find out that an exam turned into me is not the work of the sole person that has his/her name at the top of the page, I will issue a zero grade for the course, and the student may be subject to further disciplinary action. Also, it is your responsibility to keep any returned examination papers if you believe a grade was misreported. The following is the university's code of academic integrity that all students are required to abide by:

*As a student of this university:*

*I will be honest in my academic endeavors.*

*I will not represent someone else's work as my own.*

*I will not cheat, nor will I aid in another's cheating.*

*All students are deemed by the university to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.*

*\* This Code of Academic Integrity was adopted by the Student Government Association on November 28, 2001 and reflects the values articulated in the Student Code of Standards.*

**COMMON ISSUES:** Statistics can be a challenge which means you will need to work at it. Your grades are based on your performance on exams, quizzes, assignments, and nothing else. Everyone should have and will have the same opportunities in the course. This means you cannot ask me for individual extra credit assignments, and I cannot change your grade or give you extra points. Finally, telling me how important it is that you pass this class doesn't change any of the above principles. Everyone who takes this class feels like it is imperative that they pass. Your grade is not based on your individual circumstances, only your performance. If I were to grant you special treatment, I would be treating you differently. Of course, you don't want me to treat you differently if it goes against you. Realize that if I am helping you out and not the others, the others are being treated differently (but for the worse).

**V. SIGNATURE:** By continuing in this course, you are affirming that you will never ask me for special consideration regarding exams, assignments, make-ups, or your final grade. That final grade will be based on the scale above (note: 277 points is not 278 points which means it is not passing—close doesn't count here). By staying in this course, you are stating that you clearly understand that there are no make-ups unless you have documentation verifying an unforeseen-unpreventable emergency on, or just before, the day of the exam. A make-up exam must be taken the very first day that you are able to return to school. If the missed exam is too close to the end of the term, you may be required to replace the missed exam by the final exam. If the final is missed, you will have to meet the standards for an incomplete to be given a make-up final.

Finally, by staying enrolled in this class, you are also stating that you are aware that this syllabus and our accompanying tentative schedule is subject to change as needed to accommodate unforeseen issues that arise during the term. These changes will be announced in class, so it is important that you do not miss class or those announcements. This outline of the course and its accompanying tentative schedule are not intended to be comprehensive. Some policies and standards of conduct are assumed, so even if not explicitly stated here, you will be held to those standards. You should always be polite, respectful to your fellow classmates, and follow directions. If you do these things, the semester will be a successful one.