COURSE: STA 2122-U05 Statistics for Behav. Sciences I, Fall 2018

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 11:30 - 12:30 and 1:00 – 1:50 in DM 406B or by appointment (note: I am available at more times than these, just ask). Please email me at least a three hours in advance to let me know you are going to attend office hours.

TEXTBOOK: I do not require a textbook for my course. Detailed notes and the homework for the course can be found here: Click STA 2122.

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 in the event that 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.

LABS: There will be fourteen lab assignments worth pi amount of points each.
GRADING: The sum of the points earned on your four exams and the 14 labs will make up your overall grade. The scale will be based on the following totals:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Required Points</th>
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<tbody>
<tr>
<td>A</td>
<td>444 - 420</td>
</tr>
<tr>
<td>A-</td>
<td>419 - 398</td>
</tr>
<tr>
<td>B+</td>
<td>397 - 385</td>
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<tr>
<td>B</td>
<td>384 - 367</td>
</tr>
<tr>
<td>B-</td>
<td>366 - 354</td>
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<tr>
<td>C+</td>
<td>353 - 340</td>
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<tr>
<td>C</td>
<td>339 - 328</td>
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<tr>
<td>D</td>
<td>308 - 297</td>
</tr>
<tr>
<td>F</td>
<td>265 - 0</td>
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</tbody>
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Please note that I do not issue grades of incomplete, and I cannot withdraw students. 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 also 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!: This section explains how to study in, and succeed in, a math class.

**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 bring your exam, scrap paper, answer sheet, and formula card to the front desk. 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 in the event that you believe a grade was misreported.

MASTERY LAB:  You are required to spend at least 2 hours in the lab each week (GL266). The week runs Monday through Sunday. You need to complete your lab hour requirement by each Sunday at 6 PM. The time can be continuous or broken into smaller time periods. The total time you spend in the lab will be recorded and if it is smaller than 2 hours = 120 minutes (119 IS smaller than 120), you will get 0 for that period. Lab participation makes up about 10% of your grade in this course.

The hours you spend in the lab do not “roll over” to the next period. If you spend 5 hours in one week, you still have to spend a minimum of 2 hours in the next week. There is also no partial credit for earning less than required 2 hours.

You are responsible for tracking your own hours. There is a monitor in the lab that will tell you how many minutes you have accrued each week.

You need to sign out whenever you leave the lab. This includes to take a phone call or visit the restroom.

Lab hours are Monday through Friday, 8 am - 8 pm and Sunday, 1-6 pm.

There is no food, gum or drink allowed in the lab.

Cell phones must be on vibrate and put away (not on lap or in chair). If you need to answer a phone call you must sign out and leave the lab for the duration of the call.

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 (labs), 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: 308 points is not 309 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.