

STA 2023 MW

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Office Hours: (2:00 - 3:00) MWF, (4:00 - 5:00) MW, (12:30 - 1:30) TR

Course Objectives

Upon successful completion of this course students will be able to:

- Apply your working knowledge of the basic concepts used in statistics;
- Interpret statistics used in journal articles in your field;
- Demonstrate your familiarity with interpreting the output of the statistical software package;
- Build upon this foundation for further work in statistics.

Textbook

I do not require a textbook. Detailed notes and the homework for the course can be found here on my **Home page:** <http://faculty.fiu.edu/~bekkerl>. However, the notes and homework are supported by the *STATS I course* at a companion website which can be found here: <http://www.statsprofessor.com/>. This companion website is not required, but you may find it helpful.

Calculator

Students may only use standard/basic or scientific calculators.

Drop Date: October 31, 2016

Any student whose name appears on the class list after this date will receive a letter grade for the course.

Make-up policy:

There are no make-ups given in this course. All assignments are due as indicated. If some unforeseen emergency arises that prevents you from taking an exam, documentation must be provided (i.e., a summons for jury duty, letter on Physicians letterhead stating explicitly why student could not hand in assignment/take exam, etc).

Course Communication

Contact me only using only your FIU email.

Exams Policy: During the exam, you will be allowed to use only a **scientific calculator**. NO NOTES/CELL PHONES/GRAPHING CALCULATORS/COMPUTERS/IPADS/, etc. Once you start taking the exam, you must not leave the room until you finish it. NO EXCUSES. You may not leave the room for any reason and then return to continue taking the exam. No one will be allowed to begin the exam after the first person has finished the exam and left the room.

Homework: Homework is not graded, nor is it collected. However, it must be completed to do well on the exams.

Exams: There will be scheduled three chapter exams and cumulative 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.

Grading: Your Final score will be your average score of four Exams.

The following scale will be the basis for assigning final grades.

| | | | | | |
|-------|----------|-------|---------|-------|---------|
| Grade | Range | Grade | Range | Grade | Range |
| A | Above 90 | B | 80 - 83 | C | 60 -70 |
| A- | 87 - 89 | B- | 77 - 79 | D | 50 - 59 |
| B+ | 84 - 86 | C+ | 71 - 76 | F | < 59 |

Tentative schedule:

| Date | Sections | Lecture Examples | Assignments | Announcements |
|---------------------|-----------------|-------------------------|-----------------------------------|-----------------------|
| August 22 | Intro | | | |
| August 24 | 1.1 – 1.3 | 1 - 5 | Homework section 1.2, 1.3 | |
| August 29 | 2.1 – 2.3 | 6 - 18 | Homework section 2.1 - 2.3 | |
| August 31 | 2.4, 2.5 | 19 -23 | Homework section 2.4, 2.5 | |
| September 7 | 2.6, 2.7 | 24 -26 | Homework section 2.6, 2.7 | |
| September 12 | 2.8 | 27, 27.5 | Homework section 2.8 | |
| September 14 | 3.1, 3.2 | 28 - 35 | Homework section 3.1, 3.2 | |
| September 19 | Exam | | Exam 1 (examples 1 - 27.5) | |
| September 21 | 3.3, 3.4 | 36 - 46 | Homework section 3.3, 3.4 | |
| September 26 | 3.5 | 47 - 51 | Homework section 3.5 | |
| September 28 | 3.6, 3.7 | 52 - 55 | Homework section 3.6, 3.7 | |
| October 3 | 4.1 - 4.3 | 60 - 67 | Homework section 4.1 -4.3 | |
| October 5 | 4.4, 4.5 | 68 - 70 | Homework section 4.4, 4.5 | |
| October 10 | 4.5, 4.6 | 71 - 73 | Homework section 4.5, 4.6 | |
| October 12 | | | Exam 2 (examples 28 - 73) | |
| October 17 | 5.1, 5.2 | 74 – 86.5 | Homework section 5.1, 5.2 | |
| October 19 | 5.3 | 87 - 91 | Homework section 5.3 | |
| October 24 | 6.1, 6.2 | 92 - 96 | Homework section 6.1, 6.2 | |
| October 26 | 6.2 | 97 - 99 | Homework section 6.2 | Drop Date: November 2 |
| October 31 | Exam | | Exam 3 (examples 74 - 99) | |
| November 2 | 7.1, 7.2 | 100 - 105 | Homework section 7.1, 7.2 | |
| November 7 | 7.3, 7.4 | 105 - 109 | Homework section 7.3, 7.4 | |
| November 9 | 7.4, 7.5 | 109 - 112 | Homework section 7.5 | |
| November 14 | 7.6 | 113 - 116 | Homework section 7.6 | |
| November 16 | 8.1, 8.2 | 117 - 121 | Homework section 8.1, 8.2 | |
| November 21 | 8.3, 8.4 | 122 - 126 | Homework section 8.3, 8.4 | |
| November 23 | 8.5, 8.6 | 127 – 130.5 | Homework section 8.5, 8.6 | |
| November 28 | 8.6 - 8.7 | 127 – 130.5 | Homework section 8.6, 8.7 | |
| November 30 | | | | |
| December 5 | Final | (5:00 – 7:00) PM | Exam 4 | |

Get an A!: This section explains how to succeed in a statistics 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.

I would like to apologize in advance for the sections that follow. Most of our students do not need to be told the information contained below, but for the handful that are under the delusion that they deserve special treatment, I must include it.

Classroom Policies

The student is responsible for classroom behavior conducive to the educational process and for achieving standards of performance established by the instructor.

Please note that I do not issue grades of incomplete, and I do not 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. There will be no extra credit available. Your grades are based on your class performance 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 on your performance. If I were to grant you special treatment I would be treating you differently. Hopefully, you can see why that would be wrong.

During the lecture you will not allowed to use any computers, IPADS, cell phones, etc.

Academic Integrity/Honesty:

Any form of cheating or academic dishonesty is strictly forbidden in this class.

Please review the [University's Code of Academic Integrity](#) page.

Any student found responsible for academic misconduct will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook: <http://globaldatebooksonline.com/flipbooks/flo2011/>).

Signature:

By enrolling in this class you are agreeing to be governed by the policies of this syllabus. You are also stating that you are aware that this syllabus and our accompanying course calendar schedule is subject to change as needed to accommodate unforeseen issues that arise during the term. These changes will be announced in the announcements and posts in class Blackboard page, so it is important that you read the posted announcements and your classmates' posts daily.