

STA 3145

Statistics for the Health Professions

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Office Hours: (1:00 - 2:00) MW, (3:30 - 4:30) MW, (1:00 - 2:00) TR, (3:30 - 4:30) TR.

Course Description

Introduction to descriptive and inferential statistics; normal distribution, estimation, hypothesis testing. Simple linear regression and correlation, analysis of categorical data.

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

*STATISTICS, McClave, and Sincich, 12 edition, customized for FIU with MyStatLab Access
Code ISBN: 9781256736240.*

For students who either have a used book or prefer to use electronic textbook, I would suggest:

- A stand-alone MyStatLab Access Kit: ISBN: 9780321694645.

Attention: You do not need to buy a hard copy of textbook, however, you will need to buy an **access code** to login to the MyStatLab website. The access code is a mandatory! There will be an **electronic version** of this book available on this website. All assigned homework and quizzes must be completed on this website. To purchase MyStatLab access code go on website www.coursecompass.com. It costs around \$96. This is the cheapest option.

For students who would prefer to have a hard copy of the book in addition to the E-book, I would recommend to order any older edition of this book.

MyStatsLab

In this course we will use a MyStatLab, which is an interactive tutorial software with homework and practice exercises that correlated to the exercises in the textbook, exercises regenerate algorithmically to give you unlimited opportunity for practice and mastery.

How students Register and Enroll in this Course on [MyStatLab](#)

- Go to www.coursecompass.com and click "Get Started" under "For Students". You can find the instructions on how to register.
- Enter Course ID: **bekker54793**
- Use **Access code** or use **Buy now** option
- Enter your last name and first name in your account as they appear in Panthersoft.
- Enter your email address correctly.
- Your Student ID is your Panther ID.
- **Log in** and access this course **STA 3145 Fall_ 2017**

The last day for any student to register in MyStatLab is September 5, 2016. Every student who fail to register will not be able to take this class. If you're waiting for financial aid, click **get temporary access without payment for 14 days**, which is near the bottom of the Payment Options page.

Drop Date: November 6, 2017

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 or quiz, 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 using FIU email. Please, use E-mail for private communication only; to ask for an explanation of a statistical problem, instead, use Discussion Forum, "**Ask class for help!**" topic.

Discussion Forum: It will be used for personal introduction and other postings of general interest that are directly related to the course. There are no notifications in Blackboard to inform users when a new message has been received; therefore, it is a mandatory that students check their messages routinely to ensure up-to-date communication.

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.

Grading

Course Requirements	Weights
Exams	65%
Online Quizzes	20%
Online HW	15%
Total	100%

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

Grade	Range	Grade	Range	Grade	Range
A	Above 90	B	80 - 83	C	67 -73
A-	87 - 89	B-	77 - 79	D	60 - 66
B+	84 - 86	C+	74 - 76	F	< 60

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

Quizzes: There will be scheduled 8 quizzes (only best 6 will be counted)

Homework: There will be scheduled 9 chapter assignments (only best 7 will be counted)

The Formula to calculate your Final average is:

$$[(\text{Total Exam score}) / 400] * 65 + [(\text{Total of best 6 Quizzes}) / 600] * 20 + [(\text{Total of best 7 HW}) / 700] * 15$$

Quizzes & Exams

To take a quiz go to [MyStatsLab](#), click **Quizzes and Tests** from the menu on the left.

Homework

- To do your homework, go to [MyStatsLab](#),
- Click **DO HOMEWORK** from the menu on the left.

Tentative Exams Schedule

Exam I (Ch 1, 2, 5, 6)	October 2
Exam II (Ch 7, 8)	November 1
Exam III (Ch 9, 11, 13)	December 4
Final	Dec. 4

COURSE CALENDAR

Date	Sections	Online Assignment and Assessment
August 21	1.1 - 1.6	
August 23	2.1, 2.2	HW CH. 1 due on August 28
August 28	2.3 - 2.5	Quiz CH 1 will be open on August 29, August 30
August 30	2.6 – 2.7	HW CH. 2 due on September 6
		Quiz CH 2 will be open on September 6, 7
September 18	5.1, 5.3	
September 20	5.3	HW CH. 5 due on September 25
September 25	6.1, 6.2	Quiz CH 5 will be open on September 25, 26
September 27	6.3	HW CH. 6 due on September 29
October 2	Test 1	Quiz CH 6 will be open on September 29, 30
October 4	7.1, 7.2	
October 9	7.3	
October 11	7.4	
October 16	7.5	HW CH. 7 due on October 18
October 18	8.1, 8.2	Quiz CH 7 will be open on October 18, 19
October 23	8.3	
October 25	8.4	HW CH. 8 due on October 31
October 30	8.5	Quiz CH 8 will be open on October 31, November 1

November 1	Test 2	
November 6	9.2	
November 8	9.3	
November 13	9.4	HW CH. 9 due on November 15
November 15	11.1 - 11.4	Quiz CH 9 will be open on November 15, 16
November 20	11.5, 11.6,	
November 22	11.7	HW CH. 11 due on November 27
November 27	13.1, 13.2	
November 29	13.3	HW CH. 13 due on December 1
December 4	Test 3	Quiz CH 11, 13 will be open on December 1, 2
December 6	Review	
December 11	Final Exam	

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. There will be no extra credit available. Your grades are based on your exams, quizzes and HW 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. Your grade is not based on your individual circumstances, only on your performance.

During the lecture you are 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.