

Syllabus

Introductory Statistics (STA 2023)

Prerequisite: MAC 1105 or MFG 1106 or MAC 2233

Instructor:	CRN:
Office:	Office Hours:
E-mail Address:	Phone number:
Lecture Time:	Lecture Room:
Scheduled Lab SE350 Time:	MyStatLab Course ID:
Teaching Asst:	Office Hours:
Office:	Email Address:

Description: This course aims to impart an understanding of elementary descriptive and inferential statistics. The emphasis will be on applied problems solving and interpretation of results, although computation will also be required. Successful completion of this course counts toward the computational requirement of the Gordon Rule.

Objectives: Students who successfully complete this course should be able to do the following:

- Calculate and explain basic descriptive statistics
- Generate and interpret tables and graphs
- Make estimates of unknown parameters and conduct hypothesis tests
- Construct and interpret a simple linear regression model.
- Applications of above techniques.

IFP General Education Outcomes:

1. Knowledge in several different disciplines;
2. The ability to think critically;
3. The ability to communicate effectively;
4. An appreciation for how knowledge is discovered, challenged, and transformed as it advances; and
5. An understanding of ethics and ethical behavior.

Information available at <http://www.fau.edu/deanugstudies/NewGeneralEdCurriculum.php>

Course Structure: Lectures on Tuesdays, and Thursdays, in which content will be introduced and example problems solved, and ***weekly quizzes will be given on each Thursday if no exam is scheduled for that week. The mid-term exams are scheduled on Fridays. Please find the exact dates in the course outline.***

In addition, the course website on MyStatLab and Blackboard must be checked ***at least once a week*** for important announcements.

Software: No software required

Materials:

1. [Essentials of Statistics](#), 4th, by Mario F. Triola, Addison Wesley, 2011
2. [MyStatLab](#)
3. Any scientific calculator with basic statistical functions. Many students use a TI-83 Plus or similar calculator, but problems are constructed so that a more advanced calculator affords little advantage.
4. One large blue NCS answer sheet ('scantrons') for each exam.

Website: <https://blackboard.fau.edu>

Attendance Policy: Regular attendance is expected, including active involvement in all class sessions, and professional conduct in class. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations, or participation in university-approved activities. It is the student's responsibility to notify the instructor prior to any anticipated absence, and within a reasonable amount of time after an unanticipated absence.

Tutoring: For information about free tutoring services, visit <http://www.math.fau.edu/MLC/>

Course Grade:: The course grade will be calculated using the following table. *Keep all of your worksheets and exams or a change in grade will not be honored.*

Online Homework	10%
Quizzes (Best 5 of 8)	15%
Midterm Exams (Best 3 of 4)	45%
Comprehensive Final exam	30%

Grading Scale:

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

Exams: Four Midterm Exams and a comprehensive final will be taken on the days and times stated in the course calendar, in rooms to be assigned. The three highest midterm exams will count toward the student's final grade and the lowest will be dropped. Students are allowed a pencil, an eraser, and a calculator as specified under materials. Also students must have a valid picture ID during a testing session. **DO NOT BRING CELL PHONES, BOOKS, BOOK BAGS, NOTES, OR ANY OTHER ITEMS TO THE EXAM ROOM!** *Entrance to the exam requires a valid picture identification card:* Only FAU Owl Cards, U.S. Passports, or Florida Driver's Licenses will be accepted!

Make-Up Policy: There will be NO MAKE-UPS on the quizzes. Anyone missing an exam without an official excuse will receive a zero grade. Any excusable absence, excluding any personal affairs, must be documented by a verifiable source, and I must be notified AT LEAST ONE WEEK prior to the exam date. If you are absent from an exam due to an emergency, such as the car accident and sickness, you must notify the course coordinator Mr. XU by e-mail yxu3@fau.edu WITHIN 24 HOURS after the exam, and written verifiable documentation is required.

Homework Assignments: The homework is assigned on MyLabsPlus with due dates, it's important to finish it on time to help you understand the materials and receive the credits. Log on www.blackboard.fau.edu, click into your course, then click the MyLabsPlus link.

Class Participation: Excessive talking, rudeness, failure to supervise children, extremely late arrivals or early departures, possession of a cellular telephone or beeper that disrupts class, etc. may be penalized by whatever means your instructor considers necessary.

Please be adult, be responsible, be respectful and be kind in the classroom.

This includes:

1. Come to class on time and stay to the end. If you must leave early, let me know at the beginning of the class and leave quietly. If you get here late, enter quietly.
2. Don't chat during the lectures. This is a distraction to those of us who are engaged in learning.
3. Be respectful of others who may have different views and backgrounds than your own. Do not use derogatory or vulgar language in the classroom.
4. Turn off your cell phones.

Note: If you miss a lecture, it is your own responsibility to get notes from a classmate, not your instructor.

Class notes will not be posted online.

Withdrawals and Incompletes: Students are responsible for withdrawing themselves from this course if that is what their personal situation requires. The instructor makes no promise either implicit or explicit to withdraw students from the course. If you wish to drop from the course, please do so before the official university deadlines (Oct. 14, 2011).

Incompletes are discouraged. They will be given only when extraordinary events intervene so as to make completion of the course impossible. If you want an incomplete, these events must be documented. To receive an incomplete the student must have completed the first two exams with a grade of C or better. Incompletes will not be given to students who are behind schedule when the semester nears its end.

Classroom Etiquette : Please refer to the FAU Code of Conduct available at http://www.fau.edu/regulations/chapter4/4.007_Student_Code_of_Conduct.pdf.

Academic Honesty: 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 at http://www.fau.edu/regulations/chapter4/4.001_Code_of_Academic_Integrity.pdf

Students With Disabilities: In compliance with the Americans with Disabilities Act (ADA), students who require special accommodation due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) and follow all OSD procedures. In Boca Raton, SU 133 (561-297-3880); in Davie, MOD 1 (954-236-1222); in Jupiter, SR 117 (561-799-8585); or at the Treasure Coast, CO 128 (772-873-3305). OSD website at <http://www.osd.fau.edu>.

Included course topics are subject to reasonable changes at the discretion of the instructor.

TENTATIVE COURSE OUTLINE

The topics are subject to change, and it will be announced in the lectures only.

Dates	Lectures	
8/23	Introduction	Read the syllabus, access the BlackBoard
8/25	Section 1.3, 2.2	No quiz for the first week
8/30	Section 2.3, 2.4	
9/1	Section 3.2, Quiz 1	
9/6	Section 3.3	
9/8	Section 3.4, Quiz 2	
9/13	Section 4.2	
9/15	Exam Review	
9/16	Exam 1	TIME: 4:00 - 5:30pm, ROOM: TBA
9/20	Section 4.3, 4.4	
9/22	Section 4.4, 4.5, Quiz 3	
9/27	Section 5.2	
9/29	Section 5.3, 5.4, Quiz 4	
10/4	Section 6.2	
10/6	Exam Review	
10/7	Exam 2	TIME: 4:00 - 5:30pm, ROOM: TBA
10/11	Section 6.3	
10/13	Section 6.4, 6.5, Quiz 5	
10/14	Last day to drop without receiving 'F'	
10/18	Section 7.2	
10/20	Section 7.3, Quiz 6	
10/25	Section 7.4	
10/27	Exam Review	
10/28	Exam 3	TIME: 4:00 - 5:30pm, ROOM: TBA
11/1	Section 8.2	
11/3	Section 8.3, Quiz 7	
11/8	Section 8.4	
11/10	Section 8.5, Quiz 8	
11/15	Section 10.2	
11/17	Exam Review	
11/18	Exam 4	TIME: 4:00 - 5:30pm, ROOM: TBA
11/22	Section 10.3	
11/24	Holiday; No Class	
11/29	Final Review	
12/4	Comprehensive Final Exam	TIME: 10:30 - 12:30pm, ROOM: TBA