

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:	MyMathLab Plus 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>

Software: No software required

Materials:

1. Statistics – the art and science of learning from data, 2e, by Alan Agresti, Christine Franklin, Pearson Prentice Hall, 2007
2. MyMathLab Plus (www.coursecompass.com)
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.*

MyMathLab Plus Homework	10%
Quizzes (Best 5 of 10)	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!

Homework: The homework is assigned on MyMathLab Plus with due dates, it's important to finish it on time to help you understand the materials and receive the credits.

Log on <http://www.coursecompass.com/>, and register by using the following

MyMathLab Plus Course ID: _____

Final Exam: 150 minutes will be given. Date, Location and time will be announced in class. *You must take the final exam to receive a grade in the course!*

Makeup Policy: There will be **NO MAKEUPS** on the quizzes. Anyone missing an exam without an official excuse will receive a zero grade. Any excusable absence must be documented by a verifiable source, and I must be notified **AT LEAST ON E WEEK** prior to the exam date. If you are absent from an exam due to an emergency, such as a car accident or sickness, you must notify me by e-mail **WITHIN 24 HOURS** after the exam, and written verifiable documentation is required.

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.