



Sam Houston State University

Course Syllabus for Statistical Methods in Practice 3379 - 09

Course Information	Faculty Information
Course Title: Statistical Methods in Practice	Instructor: Shirley Kitchens
Course Number: Math 3379	Office Location: Lee Drain # 439-D
Course Section: 09	Office Phone: (936) 294 -1873
Credit Hours: 3 semester credit hours	Office Hours: 1:30-2:30 pm MW, 9:45-10:45 am TuTh and by appointment
Prerequisite: 3 semester hours of mathematics and consent of the instructor	Email: shirley.kitchens@shsu.edu (preferred method of contact)
Semester: Spring 2018	
Class Days and Times: MW – 8:00 a.m. to 9:20 a.m.	Location: #415 Lee Drain Building

Required Materials:

- Textbook: ***Introductory Statistics, 10th edition***
- Cells phones cannot be used in **ANY** circumstances in class.

Course Objective:

To develop and understanding of and a facility for the concepts and applications of descriptive and inferential statistics.

Course Description:

This course covers the fundamentals of statistical concepts and will

- guide the student through basic statistical procedures to permit critical insight into the science of collecting, classifying, presenting, and interpreting information from data.
- cover the primary topic of descriptive statistics (graphic presentation of correlation and regression analysis).
- cover the primary topic of probability concepts and rules for calculating probabilities of compound events. The probability coverage also includes the more commonly occurring probability distributions such as the binomial and normal distributions.
- cover the primary topic of inferential statistics, including inferences involving one and two populations.

Technology:

This course will rely heavily on SPSS statistical software. A student copy of SPSS can be rented from the academy at www.onthehub.com/spss/.

Homework/Quizzes:

Suggested homework assignments will be given for each section. This list of problems will be the

minimum necessary for a full understanding of the material. You are certainly invited to do more. There will be a brief (5-10 minute) quiz most weeks. The quiz will test your knowledge of SPSS, minitab, excel and come directly from the homework. ***NO make up quizzes will be given.***

Exams/Project:

There will be four (4) major exams and a comprehensive Final Exam and a **mandatory** comprehensive project.

If you must miss an exam:

- Students who miss a scheduled exam must contact the instructor within 24 hours of the scheduled exam.
- Exams will only be made up if the university excuses the absence and thus you are able to provide **WRITTEN** verification.
- Student athletes who anticipate missing a class, exam, or assignment due to a University sponsored athletic event must provide appropriate documentation and notification **PRIOR** to the absence.
- Make up exams will not be given if the exam has **already been graded** and **passed** back. Generally, exams are returned the next class period after being given.
- You are responsible for obtaining all handouts and/or announcement information.
- Some materials are available ahead of time on our class website.

LATE WORK IS NOT ACCEPTED

Grading Policy:

Your grade in this course will be calculated using the following weights:

Grading Weight	Assignment	Points
	Tests 1, 2, 3, 4	400
	Quiz Average (6)	300
	Homework Average	100
	Project	100
	Final Exam	100
Grading Scale	Points	Grade Percent
A	559-625	89.5-100
B	497-558	79.5– 89.4
C	434-496	69.5– 79.4
D	372-433	59.5-69.4
F	> 372	> 59.5

Attendance Policy:

- Catching up due to an unexcused absence is not my responsibility but yours.

- It is a good idea to exchange email addresses or phone numbers with someone in your class on the first day.
- If you must **LEAVE CLASS EARLY** prior to dismissal without prior notification to me will **negate credit** for any work turned minimize class disruption.
- In the event you need to leave early and have notified me prior to class starting, please sit close to the door to minimize class disruption.

Miscellaneous:

- Since **CHEATING IS THE MOST SERIOUS OFFENSE**, I will not hesitate to press for the most severe consequence allowed by the University. **You will also receive an “F” for the class.**
- I will use the class website on Blackboard to post grades. Your review materials for unit tests include practice tests, homework, and quizzes after they have been graded. Periodically, we will also have online assignments that count.
- Issues that are not addressed politely and respectfully will not be addressed.
- No hats, headphones, sunglasses, or electronics are permitted out during class. Put all hoods down.
- You must show **ALL WORK** on homework, quizzes, and tests where applicable. No work, no credit. (Rule of thumb, if it is all done in your head, no work is necessary.)
- Your cell phone needs to be turned off or put on silent (not vibrate) and put away.
- Please check your campus email regularly or forward your campus email to an email that you check regularly.
- Be respectful of the students around you at all times.
- Make sure you have read the syllabus carefully because you are responsible for the guidelines there in.
- Recording devices, such as camera, audio recorders, or video recorders **MAY NOT** be used without prior approval of the instructor.

Academic Honesty Policy: You may work together on homework assignments, and you may consult whatever sources you deem necessary. The purpose of the homework is to LEARN – specifically, to better your understanding of the underlying concepts and to gain proficiency in using them to solve problems.

Quizzes and exams, on the other hand, exist for you to DEMONSTRATE what you have learned. They are individual endeavors, where no help is to be given or received such as notes programmed into a calculator.

Classroom Rules of Conduct: Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to refrain from phone use while in the classroom. Under no circumstances are cell phones or any electronic devices, other than a calculator, to be used or seen during times of examination.

University Policy on Use of Phones: The use by students of electronic devices that perform the function of a telephone or text messenger during class-time are prohibited except with prior approval from the instructor for emergency use. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered *de facto evidence* of cheating and could result in a charge of academic

dishonesty. Failure to comply with this policy could result in expulsion from the classroom or with multiple offenses, failure of the course.

Visitors in the Classroom: Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

Student Absences on Religious Holy Days Policy: Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. See above Make-up Policy.

Disabled Student Policy: It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should visit with the Office of Services for Students with Disabilities located in the Counseling Center.