



# Sam Houston State University

## Course Syllabus for Statistical Methods in Practice 3379 - 10

| Course Information   | Faculty Information  |
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| Course Title: <b>Statistical Methods in Practice</b>                               | Instructor: <b>Shirley Kitchens</b>  |
| Course Number: <b>Math 3379</b>  | Office Location: Lee Drain #439-D  |
| Course Section: <b>10</b>  | Office Phone: (936) 294 -1873  |
| Credit Hours: <b>3 semester credit hours</b>                                       | Office Hours: 1:30-2:30 pm - MW,<br>9:45-10:45 TuTh, and by appointment  |
| Prerequisite: <b>3 semester hours of mathematics and consent of the instructor</b> | Email: <a href="mailto:shirley.kitchens@shsu.edu">shirley.kitchens@shsu.edu</a><br>(preferred method of contact) |
| Semester: <b>Spring 2018</b>   |  |
| Class Days and Times: <b>TuTh – 11:00 a.m. to 12:20 p.m.</b>                       | Location: <b>#415 Lee Drain Building</b>   |

### Required Materials:

- Textbook: *Introductory Statistics, 10th edition*

### 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/](http://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        |
|----------------|------------------|---------------|
| 100@           | Tests 1, 2, 3, 4 | 400           |
| Average of 6   | Quiz Average     | 300           |
| Average        | Homework Average | 100           |
| 100            | Project          | 100           |
| 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.
- **LEAVING CLASS EARLY** prior to dismissal without prior notification to me will **negate credit** for any work turned in that day including homework, a quiz, etc.
- In cases where you do need to leave early, and you let me know in advance, please sit close to the door so as not to disrupt others.
- Attendance will be taken daily.

**Academic Honesty Policy:** All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action.

**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.

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Students are prohibited from using tobacco products in class, making offensive remarks, reading outside materials, sleeping, talking at inappropriate times, wearing inappropriate clothing or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave the class.

**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:** Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. A request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur.

**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.

For a complete listing of university policy, see:

<http://www.shsu.edu/dept/academic-affairs/aps/aps-students.html>

All information on this syllabus is subject to change.

**Online code how-to:**

- Sign into Blackboard and enter your Blackboard course.
- Select *MYstatlab* under the **Content** heading.
- If you do not have a person account, click **Create** and follow the instructions.
- Review the *license agreement* and *privacy policy*, and then click “**I Accept.**”
- Select an access option:  
Enter the access code: **WMSLSS-FLUFF-BAUTH-SKEAN-LAPIS-RULES**
- From the “*You’re Done*” page, click **GO**