ECON 339: Applied Statistics
Fall 2020
Section: ECON 339 – 001
Time: TR 12:30pm – 1:45pm
Location: McGee Business 324
Office Hours: Mondays (online): 12:00nn – 5:00pm
                        Wednesdays (online): 9:00am – 2:00pm

Instructor: Dr. Beverly Mendoza
Email: beverly.mendoza@sfasu.edu
Class Website: https://d2l.sfasu.edu/

Office hours will be done online via Zoom link and meeting ID below. I have enabled the “waiting room” option, which means that you might have to wait a few minutes if I am talking with another student first before I let you into the Zoom meeting.

Zoom Link:
https://sfasu.zoom.us/j/99499974193?pwd=ajh0Y3E1NHpCOHc2SDlDU1hYTmYrQT09
Meeting ID: 994 9997 4193
Password: 157335

If you wish to meet outside these hours, please email me to schedule an appointment. Be sure to provide several possible meeting times to work with your schedule. Please be ready with specific questions before coming to office hours.

COVID-19 MASK POLICY: Masks (cloth face coverings) must be worn over the nose and mouth at all time in the class and appropriate physical distancing must be observed. Students not wearing a mask and/or not observing appropriate physical distancing will be asked to leave the class. All incidents of not wearing a mask and/or not observing appropriate physical distancing will be reported to the Office of Student Rights and Responsibilities. Students who are reported for multiple infractions of not wearing a mask and/or not observing appropriate physical distancing may be subject to disciplinary actions.

SOCIAL DISTANCING: Adhering to the social distance requirement, the classroom cannot accommodate all students at the same time. Instead, I will split up the class into 2 subsections: Tuesday group and Thursday group. The Tuesday group will meet with me in the classroom on Tuesdays, while the Thursday groups will meet with me on Thursdays. Please take note of the subsection that you are in. For those students who are not in the classroom, I expect you to watch online videos, fill up course packet, and complete homework assignments.

CLASS FORMAT/FACE-TO-FACE ATTENDANCE: Given the COVID-19 situation, the class is set up to be hybrid with an online/face-to-face format. Pre-recorded lecture videos will be posted on our D2L course on a weekly basis. All homework assignments and exams will be administered through MyStatLab. If you are feeling sick for any reason at all, please do not come to the face-to-face class in order to prevent the spread of any illnesses.

Catalog Description: The application of statistical quantitative methods.
Prerequisites: MTH 220; MGT 272 or 6 hours of Computer Science
Learning Objectives
Students successfully completing this course should be able to:

1. Use quantitative, abstract, and logical reasoning
2. Obtain basic knowledge in mathematics and statistics
3. Acquire skills in the use of contemporary information resources and technology
4. Utilize analytical thinking, critical analysis, logic, creativity, and integrative problem solving
5. Work with descriptive statistics in a sampling situation
6. Perform a variety of statistical tests and make inferences
7. Compute and interpret regression equations using raw data
8. Use standard tables for the normal distribution, F-distribution, and chi-square distribution

Course Materials:

- Course Note Packet - available only at SFA Barnes & Noble and Jack Backers
- MyStatLab Access
  - All of your homework assignments and exams will be conducted through MyStatLab.
  - MyStatLab is comes with an electronic copy of our required textbook.
  - I highly recommend that you purchase the book through the Pearson website (via our D2L link)
    or the University bookstores. A loose-leaf hardcopy is an $80 upgrade.
- Microsoft Excel software on a PC.
  - SFA students have free access to Microsoft Office 2016 through Office 365: [http://www.sfasu.edu/mysfa/o365/](http://www.sfasu.edu/mysfa/o365/)
  - I will be instructing the course using a Microsoft Windows PC, so I do not recommend using a Mac for this course. However, you can use a Mac, however, please be aware of the discrepancies between a PC and Mac. You will be responsible for the differences between a PC and Mac.
- Google Chrome browser.
  - Using other browsers may result in technical glitches and difficulties.
- Reliable Internet connection
  - Spotty internet access may results in you losing credit for timed assignments and exams.
  - Do not use a VPN or other type of IP address cloaking software to avoid any technical difficulties.

Grades: Your course grade is weighted as follows:

- **Exam 1** – 20%
- **Exam 2** – 20%
- **Exam 3** – 20%
- **Homework** – 15%
- **Final Exam (cumulative)** – 25%

Grading scale: At the end of the semester, you will have weighted scores adding up to a possible 100 percentage points (not including extra credit). Your final letter grade for this course will be based on the following scale:

- **A**: 90% and above
- **B**: 80% - 89%
- **C**: 70% - 79%
- **D**: 60% - 69%
- **F**: Less than 60%

To prevent testing dishonestly, you will receive an ‘F’ if the average of your first three exams is 30% higher than the proctored final.
To register for the MyStatLab Course/E-Book Access:

- In our D2L course, click on the Pearson link on the lower right hand of the home page.
  - There is no course ID needed.
- Use the Google Chrome browser.
- Make sure that you allow pop-ups from Pearson.
  - To allow pop-ups from a specific site:
    - Click on the (Pop-up blocked) button located at the the right hand side of the URL address bar.
    - Click the link for the pop-up you want to see.
    - To always see pop-ups for the site, select "Always allow pop-ups and redirects from [site]" then click Done.
  - For more information: https://support.google.com/chrome/answer/95472?co=GENIE.Platform%3DDesktop&hl=en
- Follow the Pearson/MyStatLab prompts to register.
- Enter your Pearson account username and password.
  - You have a Pearson account if you have ever used a Pearson MyLab & Mastering products (such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology, MasteringPhysics, etc).
  - If you do not have an account, select "Create" and complete the required fields.
- Select an access option.
  - Purchase access through Pearson using a credit card or PayPal account.
  - Temporary access is available by selecting the link near the bottom of the page.
    - To upgrade access before temporary access ends, select "Upgrade Access"
    - Enter an access code or purchase access with a credit card or PayPal account.
  - If you purchased a hard copy of the textbook or a MyStatLab access code from the bookstore:
    - Enter that access code that came with your purchase.

Homework (MyStatLab): Completing the assignments is vital to learning the material. These assignments provide feedback to you about your personal level of understanding and feedback to me about the overall level of understanding in the class. Make sure that you are doing and turning in your own personal work. Copying any part of another student’s work is academic misconduct. Late homework assignment submissions will not be accepted.

Exams: If you miss an exam without a documented excuse, you will receive a zero for the exam. If you miss an exam for an unforeseen reason, you should contact me as soon as you are physically able to pick up the phone.

- Any use of resources not listed below is cheating.
- The internet can only be used to access the exam.
- You must complete them alone.
- You must not pause or exit the exam once you have begun.
- You are encouraged to use the Excel templates that we build in class on all exams.
- Note-sheets: You are permitted a note-sheet during the Exam.
  - It must be the size of a standard sheet of paper or smaller. It can only be one-sided.
  - It must be handwritten. Building these note-sheets is a great study exercise.
- You may use simple (non-graphing) calculators.
- Blank scratch paper is allowed.
The Final Exam is cumulative, and it is scheduled for Tuesday-Thursday, December 8th – 10th. The final exam will be proctored remotely according to the official final exam schedule. You are permitted to use your templates from class and one (1) two-sided note-sheet (standard paper size) for the final. The note-sheet must be handwritten. There will be no make-up exams for the final exam. Taking this exam is a requirement of all students. Anyone who misses the final exam without any proper (medical or university-related) documentation will automatically receive a zero on the test. There are no alternatives to taking the final exam at this time and date.

Course Expectations:
- Consistently watching the online videos and complete homework assignments is essential for acceptable performance in this course.
- If you are having trouble keeping up with the Excel work, practice with the online videos until you are able to keep up using only the audio cues.
- If you have a question, please do not hesitate to reach out to me.
- Read the note-packet frequently after filling it out.
- Improve the course: if you know of a way to make the course better, please share your ideas with me.

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<th>Chapter</th>
<th>Chapter Title</th>
<th>Reading Requirement</th>
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<td>Chapter 17</td>
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Schedule
Please keep an eye on the MyStatLab schedule and watch out for D2L and in-class announcements. *I may need to make adjustments throughout the semester.*

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<tr>
<td>Ch. 7 (Proportions)</td>
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<tr>
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**General Student Policies: Academic Integrity (4.1)**
Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**Definition of Academic Dishonesty.** Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit. Please read the complete policy at [http://www.sfasu.edu/policies/student_academic_dishonesty.pdf](http://www.sfasu.edu/policies/student_academic_dishonesty.pdf)

**Withheld Grades in Course Grades Policy (5.5)**
At the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F, except as allowed through policy [i.e., Active Military Service (6.14)]. If students register for the same course in future semesters the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.
**Students with Disabilities**
To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/)

**Acceptable Student Behavior**
Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability other students to learn from the instructional program (see the full Student Code of Conduct Code at [http://www.sfasu.edu/policies/student-conduct-code.pdf](http://www.sfasu.edu/policies/student-conduct-code.pdf)) Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic, or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the iCare Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.