Name: Brooke Busbee
Email: busbeeb@sfasu.edu
Phone: (936) 468-1834
Office: MTH 339

Office Hours:
Monday: 10:00 – 11:00 am
Tuesday: 9:00 – 9:30 am
Wednesday: 10:00 – 11:00 am
Thursday: 3:30 – 5:00 pm
Friday: 10:00 – 11:00 am
*Available other times by appointment*

Class meeting time and place: Tuesday and Thursday at 12:30 pm in Room 208
Final Exam Date and Time: Thursday, May 7th from 10:45 am - 1:15 pm No Exceptions

Course Description: Probability essential for statistics, random variables, mean and variance, binomial distribution, normal distribution, t distribution, descriptive statistics, process of statistical inference, confidence intervals, hypothesis testing and linear regression

Text and Materials
Textbook bundle: Introductory Statistics (custom published) by Neil A. Weiss
This package includes required access to My Stat Lab (online homework). You can also purchase the online access from My Stat Lab. When you purchase the online access through My Stat Lab, you will not have a physical textbook but you will have online access to the textbook.

Calculator: A scientific calculator is required. Graphing calculators are permitted, but not required. You must bring your calculator to class daily. I recommend buying the TI -30XS Multiview! Having a fraction button on your calculator will come in handy. You are not allowed to use your phone as a calculator. The use of phones, computers, and tablets in class is prohibited.

Other Supplies: A binder, dividers, pens, pencils, paper. You will also need to print out case studies, notes and worksheets from D2L throughout the semester and bring them with you to class. You must keep up with the case study manual as we work thorough it.

Grading Policy
Grade Breakdown
The final course grade will be computed using the following weights:
Exam 1 (Intro/CS1A) [CO 1, 2, 3] 10% 
Exam 2 (CS1) [CO 1, 2, 3] 20% 
Exam 3 (CS2) [CO 1, 2, 3] 20% 
MyStatLab Assignments [CO 1, 2, 3] 10% 
Quizzes [CO 1, 2, 3] 15% 
Comprehensive Final Exam [CO 1, 2, 3] 25% 

Grading Scale
90% - 100% A
80% - 90% B
70% - 80% C
60% - 70% D
0% - 60% F

Course Requirements
Exams
There are no make-ups for missed exams. Department policy requires that you bring and be recognizable from either your SFASU Student ID or another valid photo ID before you are permitted to take each exam. You are responsible for all formulas in the course. The final exam is comprehensive and mandatory. You must have a complete understanding of the course material in order to pass the final exam.

MyStatLab
Online homework will be required using My Stat Lab at www.mystatlab.com. When you create an account, use the following course ID: busbee79346

There are complete instructions at the end of the syllabus. You need to get your account setup as soon as possible. **It is your responsibility to keep up with all due dates.** My advice is to check MyStatLab daily. It is extremely important to keep up with the homework on MyStatLab. Due dates on MyStatLab will not be extended. There are several computer labs on campus including at the library for you to use if you have computer problems. At the end of the semester I will drop your 3 lowest homework grades. There will also be suggested from the textbook for practice for some material during the semester.

**Quizzes**

There are no make-ups for missed quizzes. If you are late to class, you will not be permitted to take the quiz. You will receive a zero on the quiz if you are absent, late, leave early, are disruptive in any way, use your phone in class that day, or any other way to be marked absent (see attendance policy). I will drop two quiz grades at the end of the semester. Quizzes can be announced or unannounced. You need to keep up with the material and come to class prepared each day to take a quiz. **Quizzes can be in any form I see appropriate.**

**Attendance Policy**

Attendance is expected. You are responsible for any notes and assignments that you miss. Roll is taken each class period. You will be marked absent if any of the following happen: you are absent, you are significantly late, you leave class early, or you are disruptive in any way. Your phone and other electronics must be silenced and in your backpack. **You are not allowed to take pictures or videos during class.** On your table you should have your course materials, calculator, and supplies needed to take notes.

*My advice to you:*

- The case study manual is very important. This manual and your notes are the most important pieces of material for this course. **Take good notes and read back through them often** and do not neglect the reading of the case study manual.
- Statistics is not your typical math course. You will learn a lot of new things this semester. It will be good though! Don’t let too much time pass if you do not understand something. Make sure to ask a question anytime you are confused and/or need clarification. If you don’t get time to ask your question in class, PLEASE come by my office.

**D2L**

Course materials will be located on D2L. It is your responsibility to check D2L daily. You will use your MySFA username and password on the website [www.D2L.sfasu.edu](http://www.D2L.sfasu.edu). You are responsible for everything that is posted on D2L for this course.

**AARC Tutoring**

The AARC (Academic Assistance and Resource Center) in the Steen Library has free help available! They can be reached at 468 - 4108, or the website [http://library.sfasu.edu/aarc/](http://library.sfasu.edu/aarc/). The AARC has learning teams and walk in tables.

*More AARC information forthcoming.*

The following is an excerpt from SFA Policy 5.4:

*The federal definition of a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:*

1. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or 10 to 12 weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time, or;
2. At least an equivalent amount of work as outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

To this end, all students in courses offered by the Department of Mathematics and Statistics that wish to be successful should plan to spend a minimum of two hours outside of class for every credit hour associated with this course. Expected activities to be completed in the time outside of class include reviewing notes from previous class meetings, reading assigned course resources, completing all assigned exercises and projects, and performing periodic assessment preparation.

See [http://www2.sfasu.edu/math/docs/syllabi/MTH220Syllabus.pdf](http://www2.sfasu.edu/math/docs/syllabi/MTH220Syllabus.pdf) for elements common to all sections.

<p>| Tentative MTH 220 Schedule – Spring 2020 |
|---|---|---|
| <strong>Week #</strong> | <strong>Week Starting on:</strong> | <strong>Material Covered and Exam Schedule</strong> |
| | | |</p>
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Notes</th>
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<tbody>
<tr>
<td>January 13th</td>
<td>Course Introduction</td>
<td>Introduction to Statistics</td>
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<tr>
<td>January 20th</td>
<td>Introduction to Statistics</td>
<td>Case Study 1A</td>
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<td>January 27th</td>
<td>Case Study 1A</td>
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<td>February 3rd</td>
<td>Case Study 1A</td>
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<td>February 10th</td>
<td>Finish Case Study 1A</td>
<td>Thursday, February 13th Exam 1: Intro to Statistics and Case Study 1A</td>
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<td>February 17th</td>
<td>Case Study 1B</td>
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<td>February 24th</td>
<td>Case Study 1B</td>
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<td>March 2nd</td>
<td>Finish Case Study 1B</td>
<td>Thursday, March 5th Exam 2: Case Study 1</td>
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<td>March 16th</td>
<td>Case Study 2A</td>
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<td>March 23rd</td>
<td>Case Study 2A</td>
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<td>March 30th</td>
<td>Case Study 2B</td>
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<td>April 6th</td>
<td>Case Study 2B</td>
<td>Easter Holiday</td>
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<td>April 13th</td>
<td>Case Study 2B</td>
<td>Thursday, April 16th Exam 3: Case Study 2</td>
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<td>April 20th</td>
<td>Case Study 3A</td>
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<td>April 27th</td>
<td>Case Study 4A</td>
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<td>May 4th</td>
<td>Final Exam: Thursday, May 7th from 10:45 am to 1:15 pm</td>
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Student Registration Instructions

To register for MTH 220 Busbee Spring 2020:

2. Under Register, select Student.
3. Confirm you have the information needed, then select OK! Register now.
4. Enter your instructor’s course ID: busbee79346, and Continue.
5. Enter your existing Pearson account username and password to Sign In.
    You have an account if you have ever used a MyLab or Mastering product.
    » If you don’t have an account, select Create and complete the required fields.
6. Select an access option.
    » Enter the access code that came with your textbook or that you purchased separately from the bookstore.
    » If available for your course,
       • Buy access using a credit card or PayPal.
       • Get temporary access.
    If you’re taking another semester of a course, you skip this step.
7. From the You’re Done! page, select Go To My Courses.
8. On the My Courses page, select the course name MTH 220 Busbee Spring 2020 to start your work.

To sign in later:

2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select the course name MTH 220 Busbee Spring 2020 to start your work.

To upgrade temporary access to full access:

2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
5. Enter an access code or buy access with a credit card or PayPal.

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