Department of Mathematics and Statistics
Math 0199.071 and Math 1342.071—Introduction to Probability and Statistics
Fall 2020

Name: Mrs. Sullivan  Email: SullivanRK@sfasu.edu  Phone: 936-468-1777  Office: Math 343

Office Hours (all through Zoom):
Monday, Wednesday, Friday: 10 am – 10:50 am  Tuesday and Thursday: 2 pm – 3:15 pm

Use the following link to Zoom in for office hours: https://sfasu.zoom.us/my/sullivanrk
Passcode: 1342  Meeting ID: 526 704 8894

Class Meeting Place and Time: Math Building Room 204  Mondays, Wednesdays, Fridays: 12 pm – 12:50 pm
Tuesdays and Thursdays: 12:30 pm – 1:45 pm

If you are zooming in for class, here is the information:
https://sfasu.zoom.us/j/96889386332?pwd=UIBUbWZ2UG1DRHo3ZW9MblB3Q1Jh3dz09
Passcode: 1342  Meeting ID: 968 8938 6332

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:

Online Access to MyStatLab: You can gain the required access to MyStatLab by either purchasing the textbook bundle from the bookstore or by buying the online access from MyStatLab directly.

- Textbook bundle: Introductory Statistics (custom published) by Neil A. Weiss. This package includes required access to My Stat Lab (online homework). This bundle can be found at our bookstores.
- You can also purchase the online access from MyStatLab. When you purchase the online access through MyStatLab, you will not have a physical textbook but you will have online access to the textbook.
- The course is completely centered around the Case Study Manual which is located D2L. MyStatLab is where your online homework and practice is located. It is completely fine to not have a physical copy of the Weiss textbook.

Calculator: A scientific calculator is required. Graphing calculators are permitted, but not required. I will be using the TI-30XS Multiview. You must bring your calculator to class daily. You are not allowed to use your phone as a calculator.

Other Supplies: A 2” binder (at least 2”), dividers, different colored highlighters, pencils, and loose leaf paper. You will also need to print out case studies 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 through it. You will also need to have access to Excel throughout the semester. As a student, you are able to download Excel through your mySFA account.

Attendance Policy:
Attendance is expected. You are responsible for any notes you miss. Your phone and all other electronics must be silenced, in your backpack, and out of sight. At your table you should have only your course materials, calculator, and supplies needed to take notes.

Grading Policy

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes [CO 1, 2, 3]:</td>
<td>15%</td>
<td>Grading Scale:</td>
</tr>
<tr>
<td>MyStatLab Homework [CO 1, 2, 3]:</td>
<td>15%</td>
<td>90% - 100%: A</td>
</tr>
<tr>
<td>Exam 1 [CO 1, 2, 3]:</td>
<td>10%</td>
<td>80% - 90%: B</td>
</tr>
<tr>
<td>Exam 2 [CO 1, 2, 3]:</td>
<td>20%</td>
<td>70% - 80%: C</td>
</tr>
<tr>
<td>Exam 3 [CO 1, 2, 3]:</td>
<td>20%</td>
<td>60% - 70%: D</td>
</tr>
<tr>
<td>Final Exam [CO 1, 2, 3]:</td>
<td>20%</td>
<td>Below 60%: F</td>
</tr>
</tbody>
</table>
Course Requirements

- **Exams**: Exams will be given online through D2L. These exams will be given during your scheduled class time. 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. The final exam is comprehensive and mandatory. You must have a complete understanding of the course material in order to pass the final exam. Testing instructions will be posted to D2L before the first exam.

- **MyStatLab**: Online homework will be required using MyStatLab at www.mystatlab.com. When you create an account, use the following course ID: sullivan19592. There are complete setup instructions at the end of the syllabus. You need to get your account setup today. 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. At the end of the semester, I will drop your 3 lowest MyStatLab grades. There is a late submission penalty policy on MyStatLab homework assignments. There is a 25% penalty for each day that the homework is late. MyStatLab does not work well with Safari. I use Google Chrome and Firefox. Once you are logged into MyStatLab, there is a menu bar on the left. Click on homework to see all available homework.

- **Quizzes**: Quizzes will be online on D2L. You have one attempt at each quiz and you must work by yourself. You are allowed to use your notes during the quizzes.

- **Daily Responsibilities**: Each day you need to reread your course notes, check MyStatLab, work on available homework, check D2L for any announcements and material, and to complete any assigned tasks. Please also check D2L before coming to class in case there is a change in class for that day. It is important in this course to stay organized with your notes.

**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. You are responsible for everything that is posted on D2L for this course. I will use the D2L newsfeed as an easy way to communicate with the class. You need to click on the D2L course called MATH-1342-071 - Intro to Prob and Stats-CoReq to access our D2L course. If this course does not show up for you, please email me immediately.

**AARC Tutoring**: The AARC (Academic Assistance and Resource Center) in the Steen Library has free help available! The AARC is also available through Zoom. Please go to the following website to get up to date information about getting help through the AARC: http://www.sfasu.edu/aarc/tutoring

**COVID-19 MASK POLICY** Masks (cloth face coverings) must be worn over the nose and mouth at all times in this 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. https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/cloth-face-cover-guidance.html https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/social-distancing.html

**USE OF ZOOM**
This class will utilize the Zoom web-conferencing tool for virtual class meetings. All SFA faculty, students, and staff can access and use Zoom by via sfasu.zoom.us. Students are required to have a webcam in order to participate. (Cell phone access is available with the Zoom mobile app.) Zoom links will be provided. Important note: Zoom auto transcribes all recorded sessions. Transcription is automated, often includes errors, and thus should not be considered a wholly accurate record of the session. Should errors exist in a Zoom session transcript, please contact me immediately. It is possible that the class is being recorded.

**RESTRICTION OF AUDIO OR VISUAL RECORDING, REPRODUCTION, AND DISTRIBUTION OF CONTENT IN ONLINE COURSES** (Adapted from the University of Denver)
At Stephen F. Austin State University, we value and strive to protect the intellectual property of our faculty. We also value and strive to safeguard the privacy of all our students. To this end, students may not record, reproduce, screenshot,
photograph, or distribute any video, audio, or visual content from a course without the express written permission of the faculty of record.

This restriction includes but is not limited to:
- Pre-recorded and live lectures
- Live discussions
- Discussion boards
- Simulations
- Posted course materials
- Faculty feedback forms
- Visual materials that accompany lectures/discussions, such as slides
- Virtual whiteboard notes/equations, etc.

As we engage in online learning as an academic community, it is imperative to be respectful of your peers and instructor(s). Keep in mind that if any student is identifiable in an online class recording, this may constitute a violation of the educational record protections provided under the Federal Educational Rights and Privacy Act (FERPA). Students who violate this policy may be reported to the Office of Community Standards and subject to both legal sanctions for violations of copyright law and disciplinary action.

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 for elements common to all sections.
# Tentative Math 1342 Schedule – Fall 2020

<table>
<thead>
<tr>
<th>Week #</th>
<th>Week Starting on:</th>
<th>Material Covered and Exam Schedule</th>
</tr>
</thead>
</table>
| 1      | August 24<sup>th</sup> | Course Introduction  
Introduction to Statistics |
| 2      | August 31<sup>st</sup> | Case Study 1A |
| 3      | September 7<sup>th</sup> | Case Study 1A |
| 4      | September 14<sup>th</sup> | Case Study 1A |
| 5      | September 21<sup>st</sup> | Exam 1: Wednesday, September 23<sup>rd</sup>  
(Exam 1 Material: Introduction to Statistics and Case Study 1A)  
Start Case Study 1B |
| 6      | September 28<sup>th</sup> | Case Study 1B |
| 7      | October 5<sup>th</sup> | Case Study 1B |
| 8      | October 12<sup>th</sup> | Exam 2: Wednesday, October 14<sup>th</sup>  
(Exam 2 Material: Case Study 1)  
Start Case Study 2A |
| 9      | October 19<sup>th</sup> | Case Study 2A |
| 10     | October 26<sup>th</sup> | Case Study 2A |
| 11     | November 2<sup>nd</sup> | Case Study 2B |
| 12     | November 9<sup>th</sup> | Case Study 2B |
| 13     | November 16<sup>th</sup> | Exam 3: Wednesday, November 18<sup>th</sup>  
(Exam 3 Material: Case Study 2)  
Start Case Study 4A |
|        | November 23<sup>rd</sup> | Thanksgiving Break |
| 14     | November 30<sup>th</sup> | Case Study 4A |
| 15     | December 7<sup>th</sup> | Final Exam: Tuesday, December 8<sup>th</sup> from 10:45 am to 1:15 pm |

Case Study 1 consists of Case Study 1A and Case Study 1B  
Case Study 2 consists of Case Study 2A and Case Study 2B  
The entire course is naturally cumulative
To register for Math 0199 / Math 1342 Fall 2020 Sullivan:

2. Under Register, select Student.
3. Confirm you have the information needed, then select OK! Register now.
4. Enter your instructor’s course ID: sullivan19592, 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 Math 0199 / Math 1342 Fall 2020 Sullivan 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 Math 0199 / Math 1342 Fall 2020 Sullivan 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.
4. Select Upgrade access for Math 0199 / Math 1342 Fall 2020 Sullivan.
5. Enter an access code or buy access with a credit card or PayPal.