Instructor: Mrs. Sullivan  Email: SullivanRK@sfasu.edu  Class Times & Place: This class is completely online

Office Hours: There are no in person office hours due to current protocols but please email me to setup an appointment. We can correspond through email or we can setup a Zoom meeting for screen sharing and talking.

Course Description: This course provides an introduction to mathematical thinking, emphasizing analysis of information for decision-making.

Required Materials
Book:  A Survey of Mathematics with Applications, 10th Ed. by Angel, Abbott, and Runde
   There are two approved versions of the text:
   • eBook (bundled with My Math LabAccess)

   To create a MML account, students will need:
   1. a valid email address (use your SFA email)
   2. an access code (bundled with new textbooks, or may be purchased separately online)
   3. Course ID: sullivan00274

Calculator: You may use a graphing calculator for this course, but you may not use a calculator equivalent to a Ti-89 or higher. A Ti-36X Pro (or equivalent) is recommended.

Attendance Policy: You must check D2L and My Math Lab daily and complete the stated tasks.

Course Requirements: homework, quizzes, 4 chapter exams, and a comprehensive final exam

Grading Policy:
Your final grade will be determined as follows:
   15% My Math Lab Homework and Quizzes
   60% Chapter Exams (4 at 15% each)
   25% Comprehensive Final Exam

Course Grade
   90% - 100%  A
   80% - 89%  B
   70% - 79%  C
   60% - 69%  D
   0% - 59%  F

My Math Lab Homework and Quiz Assignments
   • Each textbook section covered in the course has a corresponding homework assignment on My Math Lab and quizzes on My Math Lab cover several textbook sections. Each homework assignment consists of several questions, and students have five attempts at the correct answer per question. Each quiz consists of several questions but students only have 1 attempt at the correct answer per question. There are two attempts allowed on each quiz in case there are technical difficulties. Generally, the due date for all homework assignments and quizzes over sections covered in a particular chapter will be the night before the exam over that chapter. Check My Math Lab daily for due dates. The schedule located
in this syllabus will help you to see pacing and due dates. It is crucial that you keep up with the pacing and not wait until the due date to start covering a section.

- 15% of your course grade will be determined by your My Math Lab homework and quiz average. Half of this 15% comes from homework and the other half of the 15% comes from the quizzes. My Math Lab homework and quizzes will be accepted late but there will be a 20% deduction per day in the grade for the assignment for each day the assignment is late. However, I will drop the three lowest homework grades at the end of the semester and I will drop your one lowest quiz grade at the end of the semester.
- The last page of the syllabus will take you step by step through setting up your My Math Lab account. You can setup temporary access if needed.
- When you are logged into My Math Lab, click on assignments to see available homework, quizzes, and exams. The announcements in D2L will also let you which assignments you should be working on that day.

Exams

- Four chapter exams will be given over the course of the semester. Each chapter exam grade comprises 15% of a student’s overall course grade. A student’s final exam grade will replace their lowest chapter exam grade (provided that the final exam grade is higher).
- The final exam for this course is comprehensive and mandatory. The final exam covers chapters 2, 3, 10, 11, and 12. The final exam comprises 25% of a student’s overall course grade.
- You must complete the exams individually.
- The exams are on My Math Lab.

**Exam Dates:**
- Chapter 2 Exam: July 13
- Chapter 3 Exam: July 20
- Chapter 10 Exam: July 27
- Chapter 11 Exam: August 3
- Final Exam: August 7

General Policies and Information

- I will make announcements and post files on D2L. Make sure you have your personal D2L settings set to forward email notifications. Watch for important class announcements on the D2L newsfeed. It is your responsibility to check My Math Lab and D2L daily.

Testing, Grading, and Make-up Policies

- If you miss an exam for any reason, your zero exam grade will be replaced by your final exam grade. If more than one exam is missed, the final exam grade will replace only one of the missed exams.

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/MTH110Syllabus.pdf](http://www2.sfasu.edu/math/docs/syllabi/MTH110Syllabus.pdf) for elements common to all sections.

**General Education Core Curriculum**

The Texas Higher Education Coordinating Board has identified six core learning objectives: Critical Thinking Skills, Communication Skills, Empirical and Quantitative Skills, Teamwork, Personal Responsibility, and Social Responsibility. SFA is committed to the improvement of its general education core curriculum by regular assessment of student performance on these six objectives. By enrolling in **MTH 110: Mathematics in Society**, you are also enrolling in a Core Curriculum Course that fulfills the Critical Thinking Skills, Communication Skills, and Empirical and Quantitative Skills requirement.
<table>
<thead>
<tr>
<th>Week 1</th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Thursday</td>
<td>Friday</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7-Jul</td>
<td>8-Jul</td>
<td>9-Jul</td>
<td>10-Jul</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Section 2.1</td>
<td>Section 2.3</td>
<td>Section 2.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Section 2.2</td>
<td>Section 2.4</td>
<td>Review Chapter 2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 2</th>
<th>12-Jul</th>
<th>13-Jul</th>
<th>14-Jul</th>
<th>15-Jul</th>
<th>16-Jul</th>
<th>17-Jul</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 2 Exam Due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chapter 2 homework and quizzes due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>After you take the chapter 2 exam, you can start working on section 3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 3.2</td>
<td>Section 3.4</td>
<td>Section 3.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 3.3</td>
<td></td>
<td>Review Chapter 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 3</th>
<th>19-Jul</th>
<th>20-Jul</th>
<th>21-Jul</th>
<th>22-Jul</th>
<th>23-Jul</th>
<th>24-Jul</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 3 Exam Due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chapter 3 homework and quizzes due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>After you take the chapter 3 exam, you can start working on section 10.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 10.2</td>
<td>Section 10.4</td>
<td>Section 10.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 10.3</td>
<td></td>
<td>Review Chapter 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 4</th>
<th>26-Jul</th>
<th>27-Jul</th>
<th>28-Jul</th>
<th>29-Jul</th>
<th>30-Jul</th>
<th>31-Jul</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 10 Exam Due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chapter 10 homework and quizzes due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>After you take the chapter 10 exam, you can start working on section 11.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 11.4</td>
<td>Section 11.6</td>
<td>Section 11.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 11.5</td>
<td></td>
<td>Review Chapter 11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 5</th>
<th>2-Aug</th>
<th>3-Aug</th>
<th>4-Aug</th>
<th>5-Aug</th>
<th>6-Aug</th>
<th>7-Aug</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 11 Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chapter 11 homework and quizzes due</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>After you take the chapter 11 exam, you can start working on section 12.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 12.4</td>
<td>Review for Final Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 12.5</td>
<td>Review for Final Exam</td>
<td>Chapter 12 homework and quiz due</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Make sure to always check D2L and My Math Lab daily. Each weekday there will be a D2L announcement to help guide you through that day’s tasks.

Each section has its own homework on My Math Lab. On the scheduled day, you should go through each section’s video lecture on D2L then work on that section’s homework on MyMathLab.

There will be a quiz every two to three sections covered, chapter exams, and a comprehensive final exam.
To register for MTH 110 Summer 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: sullivan00274, 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 110 Summer 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 MTH 110 Summer 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 MTH 110 Summer 2020 - Sullivan.
5. Enter an access code or buy access with a credit card or PayPal.