Instructor: Ms. Stephanie Angell  
Room: 232  
Office Phone: (325) 794-4140 ext. 2763

E-mail: stephanie.angell@abileneisd.org


Course Content: See the attached Student Learning Outcome and Content sheet at the end of the syllabus for topics that are covered.

Attendance: You are expected to attend all scheduled class meetings, arrive on time, and stay for the entire class period. Class attendance is crucial in this course to keep up with the material. If you miss class when there is a scheduled quiz or exam it is your responsibility to arrange a time to make up the quiz or exam.

Class Expectations: Students are expected to silence and not use cell phones during the class period. Students will be courteous and attentive when both the instructor and other students are offering answers and/or explanations.

Quizzes: We will have a quiz almost every week that we do not have an exam. If you are absent on a quiz day, you need to make plans to take the quiz the day before or immediately upon your return to class. Quizzes will be averaged with homework to represent 20% of your overall grade. To receive full credit, work must be shown on quizzes.

Homework: Homework will be assigned 1 – 3 times per week, generally on DeltaMath. These grades will be averaged to give you a single homework grade for the week. Late homework will not be accepted. Keeping up with homework will help prepare you for the exams. Homework combined with quizzes will represent 20% of your overall grade.

Late Work: Late work will not be accepted. Two individual (not weekly) homework grades will be dropped to account for any emergencies or bad days.

Exams: We will tentatively have four exams and a comprehensive final exam. The four exams will be averaged to represent 60% of your overall grade, and the final exam will represent 20% of your overall grade. If you are absent on an exam day, you need to make plans to take the exam the day before or immediately upon your return to class.

Final Exam: We will have a comprehensive Final Exam on:
Thursday, Dec. 3rd, 2020 during 3rd/7th period in Room 232 and Friday, Dec. 4th, 2020 during 3rd/7th period in Room 232

Grading Scheme:

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Homework and Quiz Average</td>
<td>20%</td>
</tr>
<tr>
<td>Exams</td>
<td>60%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
</tr>
</tbody>
</table>

The following table determines how letter grades will be assigned in the course.

<table>
<thead>
<tr>
<th>90% and above</th>
<th>80% to 89%</th>
<th>70% to 79%</th>
<th>60% to 69%</th>
<th>Less than 60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>F</td>
</tr>
</tbody>
</table>
Drop Date: 

Tuesday November 10th, 2020 is the last day to drop a course with a W or withdraw from the university.

Special Needs: 

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA), and subsequent legislation. The Office of Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student’s responsibility to initiate such a request by contacting:

Ms. Dallas A. Swafford, Director of Student Disability Services
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center

Title IX Statements: 

Angelo State University is committed to the safety and security of all students. If you or someone you know experience sexual harassment, sexual assault, domestic or dating violence, stalking, or discrimination, you may contact ASU’s Title IX Coordinator:

Michelle Nicole Boone, J.D., Director of Title IX Compliance
Michelle.boone@angelo.edu
325-486-6357
Mayer Administration Building 204

Student Absence for Observance of Religious Holy Day: 

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day for more information.

Incomplete Grade Policy: 

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures for more information.

Academic Integrity: 

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU. Academic Integrity

Plagiarism: 

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft. In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list. Papers are subject to be evaluated for originality via Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center.

Copyright Policy: 

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course
readings in printed or electronic form without written permission from the copyright holders or publishers.

General Policies Related to this Course: All students are required to follow the policies and procedures presented in these documents:

Angelo State University Student Handbook
Angelo State University Catalog
Student Learning Outcomes

1. Students will demonstrate an understanding of factual knowledge including the mathematical notation and terminology used in this course. Students will read, interpret, and use the vocabulary, symbolism, and basic definitions used in precalculus pertaining to the real numbers; exponents and radicals; polynomials, factoring, and rational expressions; equations and inequalities; functions; polynomial and rational functions; inverse functions; exponential and logarithmic functions; graphs and their transformations; six trigonometric functions; types of angle measure and notation; parts of triangles and circles; parabolas, ellipses, and hyperbolas; asymptotes; and vectors.

2. Students will describe the fundamental principles including the mathematical rules and theorems arising from the concepts covered in this course. Students will identify and apply the laws and formulas that result directly from the definitions; for example, rules of exponents, exponential and logarithmic properties, the quadratic formula, slope and formulas for the equations of lines, the fundamental trigonometric identities, properties of angles and triangles, characteristics of the trigonometric functions and inverse trigonometric functions, formulas of the conic sections, translation of axes, and formulas relating polar and rectangular coordinates.

3. Students will apply course material using techniques and procedures covered in this course to solve problems. Students will utilize the facts, formulas, and techniques learned in this course to simplify algebraic expressions; graph functions; solve equations; prove trigonometric identities; solve trigonometric equations; solve various types of triangle problems; and recognize and graph trigonometric and inverse trigonometric functions, conic sections, algebraic curves, polar equations, and parametric equations.

4. Students will develop specific skills, competencies, and thought processes sufficient to support further study or work in this field or related fields. Students will acquire a level of proficiency in the fundamental concepts and applications in precalculus necessary success in calculus.
Textbook: Texas Precalculus, McGraw-Hill 2016. The following chapters including the particular sections listed are covered.

1. Functions from a Calculus Perspective: Functions, Analyzing Graphs of Functions, Continuity and End Behavior, Extrema and Average Rates of Change, Parent Functions and Transformations, Composition of Functions, Inverse Relations and Functions.


3. Exponential and Logarithmic Functions: Exponential Functions and Their Graphs, Logarithmic Functions and Their Graphs; Exponential and Logarithmic Equations.


**Course Calendar**

<table>
<thead>
<tr>
<th>Week #</th>
<th>Dates</th>
<th>Precalculus Topics Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/24 – 8/28</td>
<td>Syllabus, 1-5, 4-3, 5-1, 5-3</td>
</tr>
<tr>
<td>2</td>
<td>8/31 – 9/4</td>
<td>1-1, 1-5, 1-3, 2-2, 2-5</td>
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<tr>
<td>3</td>
<td>9/8 – 9/11</td>
<td>2-5, Review, Exam 1</td>
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<tr>
<td>4</td>
<td>9/14 – 9/18</td>
<td>1-4, 2-1</td>
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<tr>
<td>5</td>
<td>9/21 – 9/25</td>
<td>3-1, 3-2</td>
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<tr>
<td>6</td>
<td>9/28 – 10/2</td>
<td>4-6, Review, Exam 2</td>
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<tr>
<td>7</td>
<td>10/5 – 10/9</td>
<td>1-6, 2-4, 2-6</td>
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<tr>
<td>8</td>
<td>10/12 – 10/16</td>
<td>Review, Exam 3</td>
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<tr>
<td>9</td>
<td>10/19 – 10/23</td>
<td>7-1, 7-2, 7-3</td>
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<td>10</td>
<td>10/26 – 10/30</td>
<td>4-1</td>
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<tr>
<td>11</td>
<td>11/2 – 11/6</td>
<td>Review, Exam 4</td>
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<tr>
<td>12</td>
<td>11/9 – 11/13</td>
<td>1-4, 2-4</td>
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<tr>
<td>13</td>
<td>11/16 – 11/20</td>
<td>1-4, 2-4</td>
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<tr>
<td>14</td>
<td>11/30 – 12/4</td>
<td>Review, Final Exam**</td>
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<tr>
<td>15</td>
<td>12/7 – 12/11</td>
<td>4-7, 8-1, 8-2, 8-3, 7-5, 9-1</td>
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<tr>
<td>16</td>
<td>12/14 – 12/18</td>
<td>Review, Exam 5</td>
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</tbody>
</table>

*The course calendar is a guideline and is subject to change as necessary.

**Because Angelo State’s calendar this year is different and Final Exams occur earlier, we will take the Final Exam for Angelo State on 12/3 and 12/4, but then we will still have content to finish and another test that will count for your high school average only.