Instructor Information:

Instructor: Mrs. Susan Whitaker  
Fax: (325) 653-8661  
Office: D127  
E-mail: Susan.whitaker@saisd.org

Office Phone: (325) 659-3500  
Office Hours: Mon - Thurs 12:44-1:08  
Friday By Appointment

Textbook:


Course Content:

Refer to the attached Student Learning Outcome and Content sheet at the end of the syllabus.

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. Please do not make tardiness a habit.

Quizzes:

We will be completing weekly paper-pencil quizzes. It is important that you practice the math that we cover without the benefit of the help button in WebAssign. To receive full credit, all work must be shown in a clear, correct, and readable manner. If you are not in class on quiz day, you will be given a make-up version.

Homework:

We will be using an online program called WebAssign for homework this semester. You will be able to access your WebAssign account through Blackboard. In order to register for WebAssign you will need the following:

1) a valid email address,  
2) the course key  
3) your student access code (packaged with your textbook)

More information on WebAssign will be given on the first day of class.

Late Work:

I do not accept late work. One homework grade and one quiz grade will be dropped each quarter.

Exams:

We will have 8 regular exams and a comprehensive final exam. In general, *calculators will not be allowed* on the first quarter exams. Limited use of a non-graphing calculator will be allowed during the second quarter. All exams, including the final, will be pencil-and-paper exams. There will be no make-up exams unless arrangements are made with me prior to the test day. However, I will replace your lowest exam score with your final exam, if it is to your benefit. You are given this second chance for unavoidable absences. If you leave the room during an exam, I may take up your exam and grade as is.

Test days will be announced the week prior but all tests will be administered during the week indicated on the attached proposed course schedule.

These test dates and times are MANDATORY. Exceptions will be made only for emergencies and will be evaluated on a case by case basis.
Final Exam:

Final Exam - Exact time and date TBA – will have to coordinate with Counseling Center due to STAAR testing

Grading Scheme:

<table>
<thead>
<tr>
<th></th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework / Quiz</td>
<td>20%</td>
</tr>
<tr>
<td>Average</td>
<td></td>
</tr>
<tr>
<td>Exam Average</td>
<td>80%</td>
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<tr>
<td>Final Exam</td>
<td>1/7 of Semester Average</td>
</tr>
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</table>

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

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

Math Lab:

There is a Math Learning Lab which offers free tutoring. This is a great place to do homework or go if you have questions on an assignment and you are unable to come to my office. The lab is located on the third floor of the library at ASU in room C302.

- M – TH: 9:00 am – 8:00 pm
- F: 9:00 am – 12:00 pm
- Sunday: 4:00 pm – 8:00 pm (starting Jan. 21st )

Lecture Notes:

It is your responsibility to bring them to class each day. I strongly suggest keeping your notes and other class materials in a 3 ring binder.

Blackboard:

All course information such as test reviews, lecture notes, grades, and important announcements will be available in Google Classroom.

Drop Date:

Monday, April 2, 2018, is the last day to drop a course with a W or withdraw from the university.

Internet/Email:

All current students are required to maintain an @saisd.org e-mail account.

Common Courtesy:

- Silence all cell phones before entering the classroom.
- No texting during class.

- Please refrain from carrying on personal conversations once class has started. Be courteous to your peers when they are responding in class by listening to what they have to say.
Student Disability Services:

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:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu

Title IX:

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 Boone
Director of Title IX Compliance
325-486-6357
michelle.boone@angelo.edu

Student Absence for Observance of Religious Holy Days:

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. (http://www.angelo.edu/opmanual/ -- OP 10.19)

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.

Student Conduct Policies

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 to disciplinary action and possible expulsion from ASU. The College of Science and Engineering adheres to the Statement of 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.
Mathematics 1314 – College Algebra

Student Learning Outcomes

1. Students will demonstrate 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 college algebra including the real numbers, exponents, radicals, polynomials, factoring, functions, equations, inequalities, and graphs.

2. Students will describe the fundamental principles including the laws 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, the quadratic formula, rules of exponents, and properties of logarithms.

3. Students will apply course material along with techniques and procedures covered in this course to solve problems. Students will use the facts, formulas, and techniques learned in this course to simplify algebraic expressions, graph functions, and solve inequalities, equations and systems of 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 necessary for further study in academic areas requiring college algebra as a prerequisite, or for work in occupational fields requiring a background in algebra. These fields might include education, business, finance, marketing, computer science, physical sciences, and engineering, as well as mathematics.

Course Content

Textbook: College Algebra, 12th Edition, by Gustafson and Hughes. The electronic supplement MindTap Math may also be required. The following chapters including the particular sections listed are covered.

0. A Review of Basic Algebra: Real Numbers; Integer Exponents and Scientific Notation; Rational Exponents and Radicals; Polynomials; Factoring Polynomials; Rational Expressions.

1. Equations and Inequalities: Linear Equations and Rational Equations; Applications of Linear Equations; Complex Numbers; Quadratic Equations; Applications of Quadratic Equations; Other Types of Equations; Inequalities; Absolute Value.

2. Functions and Graphs: Functions and Function Notation; The Rectangular Coordinate System and Graphing Lines; Linear Functions and Slope; Writing and Graphing Equations of Lines.

3. Functions: Graphs of Functions.


5. Exponential and Logarithmic Functions: Exponential Functions and Their graphs; Logarithmic Functions and Their graphs; Properties of Logarithms; Exponential and Logarithmic Equations.

Proposed Course Schedule – Math 1314

This schedule may change. Check instructor’s posted schedule in classroom on a weekly basis. Announcements will also be posted in Google Classroom.

<table>
<thead>
<tr>
<th>Date</th>
<th>Sections Covered</th>
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<tbody>
<tr>
<td>Week 1</td>
<td>Jan 3-5</td>
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<tr>
<td></td>
<td>Syllabus, WebAssign registration</td>
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<td>Week 2</td>
<td>Jan 8-12</td>
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<td>0.3</td>
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<td>Week 3</td>
<td>Jan 16-19</td>
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<tr>
<td></td>
<td>Review</td>
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<td>TEST 1 (sections 0.1-0.3)</td>
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<td>Week 4</td>
<td>Jan 22 - 26</td>
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<td>Week 5</td>
<td>Jan 29 – Feb 2</td>
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<td>TEST 2 (sections 0.4-0.6)</td>
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<td>1.1</td>
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<td>Week 6</td>
<td>Feb 5-9</td>
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<td>Week 7</td>
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<td>Week 8</td>
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<td>(sections 1.1-1.5)</td>
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<td>Week 9</td>
<td>Feb 26 – Mar 2</td>
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<td>Week 10</td>
<td>Mar 5 -9</td>
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<td>Week 11</td>
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<td>Week 12</td>
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<td>Week 13</td>
<td>Apr 2 -6</td>
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<td>Apr 9-13</td>
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<td>Week 15</td>
<td>Apr 16 - 20</td>
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<td>Week 16</td>
<td>Apr 23-27</td>
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<td>Week 17</td>
<td>April 30 – May 4</td>
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<td>Week 18</td>
<td>May 7 - 10</td>
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