Contact Information

Instructor: Susan Whitaker
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Office Phone: (325) 486-5439
e-mail: Susan.Whitaker@angelo.edu
Office Hours: 3:00 – 5:00 p.m., MWF; 9:00 – 11:00 TR; or by appointment
Note: Office hours will be held in MCS 220 H MTWF but in the Math Lab on Thursdays.

Textbook

*College Algebra* 12th ed. by Gustafson and Hughes.

Blackboard

This course has an associated Blackboard page where you will have access to grades, assignments, videos, handouts, and other course-related items.

Course Content

**Textbook:** *College Algebra*, 12th Edition, by Gustafson and Hughes. The electronic supplement WebAssign is also 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.

4. **Polynomial and Rational Functions:** Quadratic Functions.

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

6. **Linear Systems:** Systems of Linear Equations; Partial Fractions.

Grading System

The final average will be determined according to the weights in the table that follows.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>2/11</td>
<td>15%</td>
</tr>
<tr>
<td>Test 2</td>
<td>3/4</td>
<td>15%</td>
</tr>
<tr>
<td>Test 3</td>
<td>4/1</td>
<td>15%</td>
</tr>
<tr>
<td>Test 4</td>
<td>4/22</td>
<td>15%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>5/8</td>
<td>20%</td>
</tr>
<tr>
<td>Homework/Quizzes</td>
<td>Most Days</td>
<td>20%</td>
</tr>
</tbody>
</table>

**Grading Policy**
To determine the average needed to ensure that you obtain the grade that you want in this course, consult the table that follows.

<table>
<thead>
<tr>
<th>Average</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>89.5 and above</td>
<td>A</td>
</tr>
<tr>
<td>79.5 to 89.5</td>
<td>B</td>
</tr>
<tr>
<td>69.5 to 79.5</td>
<td>C</td>
</tr>
<tr>
<td>59.5 to 69.5</td>
<td>D</td>
</tr>
<tr>
<td>below 59.5</td>
<td>F</td>
</tr>
</tbody>
</table>

**Homework Policy**
- Assignments are to be accessed through Blackboard using WebAssign tool. You will not submit assignments in Blackboard.
- Homework due dates are shown in WebAssign. If you have trouble completing a homework assignment, see me for assistance before it is due. You may use the communication tools in WebAssign to contact me as well as in person and email.
- If you are absent, it is your responsibility to contact me or view Blackboard in order to get the new homework assignments.
- I will drop 3 homework grades. This is the leeway you are given to allow for unforeseen circumstances. Do not waste them.

**Quizzes**
- Take-home quizzes will be assigned throughout the course and will be pencil-and-paper.
- In-class quizzes may be assigned and they will also be pencil-and-paper.
- When turning in a quiz, make sure that your first and last name are clearly written on the paper and that you show work to support your answers.

**Exams**
- We will have four regular exams and a comprehensive final exam on May 8, 2019 from 8:00 AM – 10:00 AM.
- The four regular exams will be administered on Mondays from 5:00PM – 7:00 PM in our classroom. See above for schedule. These test dates are mandatory. Exceptions will be made only for emergencies and will be evaluated on a case by case basis.
- In general, calculators will not be allowed on the first two exams. Limited use of a non-graphing calculator will be allowed after the second exam.
- 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.
- I will replace you lowest exam score with your final exam, if it is to your benefit. You are given this second chance for unforeseen absences.
- If you leave the room during an exam, I may take up your exam and grade it as is.
When grading your exam, I am grading your work as well as your answer. Typically a
correct answer is worth 1 point, while the work leading to the answer is worth 3-4
points. Therefore you must always show adequate work that leads to your answer.
Failure to do so will result in a failing grade. The general rule of thumb is to show as
much work on a problem as I show when doing a similar problem in class.

Attendance

- Class attendance will be taken daily.
- You are expected to attend all scheduled class meetings, arrive on time, and stay for
  the entire class period.
- Perfect attendance will get you 2 points added to your final course grade, 1-2
  absences will get you 1 point.

Calculators

You will be allowed to use calculators after the second exam. You do not need to go buy an
expensive calculator. If you do not have a calculator, an inexpensive one that will work for
this course is a TI 30II S. It runs $10-$15. Graphing calculators will not be allowed.

Math Lab

The math learning lab is available on campus and provides free math tutoring. Please utilize
this great resource – no appointment is required.

<table>
<thead>
<tr>
<th>MATH LAB – LIB C302</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday – Thursday:</td>
</tr>
<tr>
<td>Friday:</td>
</tr>
<tr>
<td>Sunday:</td>
</tr>
</tbody>
</table>

Blackboard/Email

I plan to post your daily assignments, class notes, class announcements and other
documents on Blackboard. I will expect you to print these documents and bring them to class
with you. Blackboard can be accessed through RamPort or by visiting Blackboard. I may
send you information via email. It is your responsibility to regularly check your angelo.edu
email account.

Student Responsibilities

The student is solely responsible for:
- Completing each assignment by the specified due date.
- Obtaining assignments and other materials for classes from which they are absent.
- Utilizing, as needed, all available study-aid options (including meeting with the
  instructor, referring to outside texts, etc.) to resolve any questions that they might have
  regarding homework, course material, etc.
- Realizing from the beginning of the course the grade that they may need or want to
  graduate, maintain a scholarship, stay in athletics, etc. … and give as much effort as it
takes to obtain this grade.

Common Courtesy

Turn off all cell phones or any other electronic devices before entering the classroom. Place
these items in your backpacks. I do not want to see them on your desk or in your laps. THIS
MEANS NO TEXTING DURING CLASS! I reserve the right to ask you to leave class if I catch you on your phone.
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 providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. Sex discrimination, sexual misconduct, public indecency, interpersonal violence, sexual assault, sexual exploitation, sexual harassment, and stalking are not tolerated at ASU. As a faculty member, I am a Responsible Employee meaning that I will report any allegations I am notified of to the Office of Title IX Compliance in order to connect students with resources and options in addressing the allegations reported. You are encouraged to report any incidents to ASU’s Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator. You may do so by contacting:

Michelle Boone, J. D.
Director of Title IX Compliance/Title IX Coordinator
Mayer Administration Building, Room 200
325-942-2022
michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.
If you are wishing to speak to someone about an incident in confidence you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.

The Office of Title IX Compliance also provides accommodations related to pregnancy (such as communicating with your professors regarding medically necessary absences, modifications required because of pregnancy, etc.). If you are pregnant and need assistance or accommodations, please contact the Office of Title IX Compliance utilizing the information above.

For more information about Title IX in general you may visit www.angelo.edu/title-ix.
**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. The full details can be found in ASU Operating Policy OP 10.19 [Observance of Religious Holy Days](#).

**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 of 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](#).

**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](#)
• In the event that the university is closed for a scheduled class time, whatever was scheduled for that day and/or whatever was due that day will be scheduled and/or due on the next scheduled class time.
• All electronic correspondence will be sent to your ASU e-mail account unless other arrangements are made.
• Feel free to come by my office at any time for help. I will definitely be near my office during my office hours (or there will be a note telling you when I will be back). If my office hours are not convenient for you, meet with me to arrange for another time that is more convenient.
• Good luck. I sincerely hope you do well in this course, and I strongly encourage you to use me as a resource outside of class to help you succeed.

All items contained in this syllabus are subject to change as the semester progresses. Students will be notified in advance of any changes.

Math 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.

Anticipated Daily Schedule
The table below indicates the expected sections that will be discussed on the date listed. Student should refer to Blackboard announcements for changes or additions to this schedule.

<table>
<thead>
<tr>
<th>Day</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/14</td>
<td>Syllabus, WebAssign orientation</td>
</tr>
<tr>
<td>1/16</td>
<td>0.1</td>
</tr>
<tr>
<td>1/18</td>
<td>0.2</td>
</tr>
<tr>
<td>1/23</td>
<td>0.2</td>
</tr>
<tr>
<td>1/25</td>
<td>0.3</td>
</tr>
<tr>
<td>1/28</td>
<td>0.3</td>
</tr>
<tr>
<td>Date</td>
<td>Notes</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>1/30</td>
<td>0.4</td>
</tr>
<tr>
<td>2/1</td>
<td>0.4</td>
</tr>
<tr>
<td>2/4</td>
<td>0.5</td>
</tr>
<tr>
<td>2/6</td>
<td>0.5</td>
</tr>
<tr>
<td>2/8</td>
<td>0.6</td>
</tr>
<tr>
<td>2/11</td>
<td>Review – during class; Test 1 at 5:00pm</td>
</tr>
<tr>
<td>2/13</td>
<td>1.1</td>
</tr>
<tr>
<td>2/15</td>
<td>1.1/1.2</td>
</tr>
<tr>
<td>2/18</td>
<td>1.2</td>
</tr>
<tr>
<td>2/20</td>
<td>1.3</td>
</tr>
<tr>
<td>2/22</td>
<td>1.4</td>
</tr>
<tr>
<td>2/25</td>
<td>1.4</td>
</tr>
<tr>
<td>2/27</td>
<td>1.5</td>
</tr>
<tr>
<td>3/1</td>
<td>1.6</td>
</tr>
<tr>
<td>3/4</td>
<td>Review – during class; Test 2 at 5:00pm</td>
</tr>
<tr>
<td>3/6</td>
<td>1.6/1.7</td>
</tr>
<tr>
<td>3/8</td>
<td>1.7</td>
</tr>
<tr>
<td>3/18</td>
<td>1.8</td>
</tr>
<tr>
<td>3/20</td>
<td>2.1</td>
</tr>
<tr>
<td>3/22</td>
<td>2.2</td>
</tr>
<tr>
<td>3/25</td>
<td>2.3</td>
</tr>
<tr>
<td>3/27</td>
<td>2.4</td>
</tr>
<tr>
<td>3/29</td>
<td>3.1</td>
</tr>
<tr>
<td>4/1</td>
<td>Review – during class; Test 3 at 5:00pm</td>
</tr>
<tr>
<td>4/3</td>
<td>4.1</td>
</tr>
<tr>
<td>4/5</td>
<td>5.1</td>
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<tr>
<td>4/8</td>
<td>5.3</td>
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<tr>
<td>4/10</td>
<td>5.5</td>
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<tr>
<td>4/12</td>
<td>5.6</td>
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<tr>
<td>4/15</td>
<td>Log Review</td>
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<tr>
<td>4/17</td>
<td>6.1</td>
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<tr>
<td>4/19</td>
<td>6.1</td>
</tr>
<tr>
<td>4/22</td>
<td>Review – during class; Test 4 at 5:00pm</td>
</tr>
<tr>
<td>4/24</td>
<td>6.6</td>
</tr>
<tr>
<td>4/26</td>
<td>6.6</td>
</tr>
<tr>
<td>4/29</td>
<td>Cumulative Review</td>
</tr>
<tr>
<td>5/1</td>
<td>Cumulative Review</td>
</tr>
<tr>
<td>5/3</td>
<td>Cumulative Review</td>
</tr>
<tr>
<td>5/8</td>
<td>Final Exam</td>
</tr>
</tbody>
</table>

i Blackboard page [http://blackboard.angelo.edu](http://blackboard.angelo.edu)
ii Observance of Religious Holy Days: [http://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of](http://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of)
iii Grading Procedures: [http://www.angelo.edu/content/files/14197-op-1011-grading-procedures](http://www.angelo.edu/content/files/14197-op-1011-grading-procedures)
v ASU Writing Center: [http://www.angelo.edu/dept/writing_center/academic_honesty.php](http://www.angelo.edu/dept/writing_center/academic_honesty.php)
vii University Catalog: [http://www.angelo.edu/catalogs/](http://www.angelo.edu/catalogs/)