Math 2312.040- Precalculus  
Spring 2020 Syllabus

Disclaimer: This syllabus is current and accurate as of its posting date, but will not be updated. For the most complete and up-to-date course information, contact the instructor.

Instructor Information
Name: Mrs. Autumn Hoover  Phone: 325-486-5431
email: autumn.hoover@angelo.edu  Office: MCS 220M
Office Hours:  Monday/Wednesday:  9:30 – 12:00; 3:00 – 3:30  
Tuesday/Thursday:  8:30 – 9:30; 2:00 – 3:00  
Friday: None scheduled, but I am usually here by 9:30 or so.

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, or send me an email, to arrange for another time that is more convenient.

This class meets TR 9:30 – 10:45 in MCS 112.

Textbook: Precalculus: Mathematics for Calculus, 7th edition, by Stewart, Redlin and Watson. You must have a copy of the textbook (a digital copy is fine), but you do not need an access code for WebAssign.

Student Expectations: YOU are expected to…

- Attend class consistently and arrive on time.
- Foster a learning environment by practicing common courtesy at all times.
- Pay attention fully during class.
- Complete each assignment by the specified due date.
- Maintain academic honesty.
- Work outside of class on homework, quizzes, and review materials to master concepts and adequately prepare for exams.
- Utilize, as needed, all available study-aid options (including visiting the math lab, meeting with the instructor, referring to outside text, etc.) to resolve questions.
- Keep all course materials, notes, worksheets, reviews, syllabus, etc. in a 3 ring binder and bring to class daily.

Math Lab: The Math Learning lab is available on campus and provides FREE math tutoring. Please utilize this great resource- no appointment is necessary.

- MATH LAB- LIB C302 (upstairs)  
  o  Monday – Thursday: 9:00 am – 8:00 pm  
  o  Friday: 9:00 am – 12:00 pm  
  o  Sunday: 4:00 pm – 8:00 pm

Lecture Notes: It is your responsibility to print the lecture notes from Blackboard and bring them to class each day. Notes and other class materials should be kept in a 3-ring binder.
**Blackboard/Email:**
- I plan to post notes, test reviews, grades, important announcements and other documents on Blackboard. I will expect you to print the lecture notes and bring them with you to class daily.
- Blackboard can be accessed through RamPort or by visiting [http://blackboard.angelo.edu](http://blackboard.angelo.edu).
- All electronic correspondence will be sent to your ASU e-mail account. It is your responsibility to regularly check your angelo.edu email account.

**Calculators:** Calculators are not allowed on any exams and are therefore discouraged from being used on homework.

**Attendance:** Attendance will be taken **daily** and is **mandatory for the entire class period**. Excessive absences are reported to the administration and play a definite role in suspension considerations. Remember that I can teach you more in one hour than you can learn on your own in several hours. So, **for your own sake, attend every class!!** I will count 3 tardies as an absence.

**Homework:** Homework will be assigned over every section. Daily work will consist of worksheets and/or textbook problem sets. Homework is due at the BEGINNING of class. **I DO NOT ACCEPT LATE HOMEWORK.**

- If you are going to miss class, you can send it to class with a friend or email me pictures of your assignments BEFORE CLASS STARTS on the day the assignment is due. **No late assignments will be accepted.**
- If you need assistance with an assignment, see me for help before it is due.
- Homework assignments will be posted daily on blackboard on the Homework Assignment tab.
- I will drop 3 homework grades at the end of the semester to compensate for unavoidable circumstances.

**Homework Guidelines:**
- Print an answer sheet from blackboard to record your answers. Fill in the first column before continuing to the second column.
- Fold your homework in half **vertically** with your name and row number visible on the outside.
- No spiral paper is allowed.
- Write legibly. If your answer cannot be read, it is wrong. Show all necessary work.
- Staple your work behind the answer sheet and before folding it.
- You may use both sides of a sheet of paper.
- Points may be deducted if these standards are not followed.

**Tests/Final Exam:** There will be three regular exams and a cumulative final exam. If you leave the room during an exam, I may take your test and grade it AS IS! If you do miss an exam, get in touch with me immediately. I will replace your lowest exam grade with your final exam grade if it is to your benefit.

**Tentative Test Dates:**
- Test 1: Tuesday Feb. 11th
- Test 2: Thursday March 5th
- Test 3: Thursday April 16th
- Test 4 (Final Exam): Thursday May 7th  8:00 - 10:00

**Drop Date:** Thursday March 26th is the last day to drop a class or withdraw from ASU.
**Grading:** Grades will be determined as follows:

- Homework & Quizzes- 15%
- Tests- 60% (20% each)
- Final Exam- 25%

**Final Grades:** Final grades will be determined using the following scale

- A: 90% or above
- B: 80% - 89%
- C: 70% - 79%
- D: 60% - 69%
- F: Below 60%

**Common Courtesy:**

- Please 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. 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.
- You are not given a grade in a college course; you EARN your grade. It is your responsibility to put in as much effort as it takes to earn this grade. This includes utilizing (as needed) all available study aid options (my office hours, the Math Lab, reading outside texts, etc.) to resolve any questions or concerns you might have about any aspect of the course.

**What to do when you miss class:**

- Email pictures of assignments due the day you are going to be absent. They must be received by class time.
- If you email me and request the notes you missed, I will email them to you.
- Look under “Homework Assignments” in Blackboard and see what homework was assigned while you were out.
- Go to math lab or see me during office hours if you are having difficulty with the assignment.

**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](#)

**University Policies:**

**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 at Angelo State University
The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU’s Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Boone, J.D.
Director of Title IX Compliance/Title IX Coordinator
Mayer Administration Building, Room 210
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.

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. 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.

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.

Mathematics 2312 - Student Learning Outcomes:

1. The 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; and graphs and their transformations.

2. The 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 Intermediate Value Theorem, and the limit laws.

3. The students will apply course material using techniques and procedures covered in this course to solve problems. Students will utilize the facts, formulas, and the techniques learned in this course to simplify algebraic expressions; graph functions; and solve equations and systems of equations.

4. The 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 for success in calculus.

Course Content:

Textbook: Precalculus: Mathematics for Calculus, 7th Edition, by Stewart, Redlin, and Watson. The following chapters including the particular sections listed are covered.

1. Fundamentals: Exponents and Radicals; Algebraic Expressions; Rational Expressions; Equations; Inequalities; The Coordinate Plane; Graphs of Equations; Circles; Lines.

2. Functions: Functions; Graphs of Functions; Getting Information from the Graph of a Function; Average Rate of Change; Linear Functions; Transformation of Functions; Combining Functions; One-to-one Functions and Their Inverse.

3. Polynomials and Rational Functions: Quadratic Functions; Polynomial Functions; Dividing Polynomials; Rational Functions.

4. Exponential, and Logarithmic Functions: Exponential Functions; The Natural Exponential Function; Logarithmic Functions; Laws of Logarithms; Exponential and Logarithmic Equations.

10. Systems of Equations and Inequalities: Systems of Linear Equations in Two Variables; Systems of Linear Equations in Several Variables; Partial Fractions; Systems of Nonlinear Equations; Systems of Inequalities.

## Proposed Course Schedule – Math 2312:

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*Please note that this schedule is tentative and subject to change.*

2. [http://www.angelo.edu/catalogs/](http://www.angelo.edu/catalogs/)
3. [http://www.angelo.edu/incident-form](http://www.angelo.edu/incident-form)
4. [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)
5. [http://www.angelo.edu/content/files/14197-op-1011-grading-procedures](http://www.angelo.edu/content/files/14197-op-1011-grading-procedures)