Math 1314.040- College Algebra- Spring 2022 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. Codi Jaynes

Office: MCS 220C

Phone: 325-486-5446

Email: codi.jaynes@angelo.edu

Office Hours:

Monday: 9:00 – 10:00 am; 11:00 am – 12:00 pm

Tuesday: 10:00 am – 12:00 pm

Wednesday: 9:00 – 10:00 am; 11:00 am – 12:00 pm; 2:00 – 3:00 pm

Thursday: 2:00 – 3:00 pm

Friday: 9:00 – 10:00 am; 11:00 am – 12:00 pm

Times listed are for face-to-face, walk-in meetings. If you would like to schedule a remote meeting, please email me or call my office.

Course Delivery

This is a face-to-face course with online components that students are expected to access in Blackboard. This class meets Monday, Wednesday, and Friday from 10:00 -10:50 am in MCS 210.

Common Courtesy

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.

Blackboard & Email:

- I post notes, reviews, and other documents on Blackboard. I expect you to print these documents and bring them with you to class when I tell you to. I will also post grades and other important announcements on Blackboard.
- Blackboard can be accessed through RamPort or by visiting http://blackboard.angelo.edu.
- I will frequently send you information via email. It is your responsibility to regularly check your angelo.edu email account. All communication outside of class will be sent to your ASU e-mail account. I will do my best to respond to all emails by the next business day.

Technology Requirements

To successfully complete this course, students need to have daily access to the following technology: smartphone or scanner, laptop/tablet with webcam/mic, and a printer. As a reminder, there are computers and printers at various locations around campus for student use. Students will need access to a laptop/computer during class for testing purposes.

Access to assessments will be through Respondus Lockdown Browser. Refer to the Blackboard course for Respondus installation instructions.

Lecture Notes

It is your responsibility to print the lecture notes from Blackboard and bring them to class each day. I strongly suggest keeping your notes and other class materials in a 3-ring binder. If you have a touch-enabled device with a stylus, you can download a PDF version of the notes prior to class and fill them in using your device during class.

Attendance

Attendance will be taken **daily** using Blackboard and is **mandatory for the entire class period.** As seen in the grading breakdown, 5% of your final average will come from your attendance. Being present awards a grade of 100, while being absent is a 0. I will **drop 3 attendance grades** at the end of the semester to help compensate for unavoidable circumstances. If you miss class for any reason, communication via email is required **by 2:00 pm on the day you miss** to receive instructions to get that day's attendance grade changed.

Evening Testing Times

There will be four evening class testing times during the semester. All decisions regarding changes in testing will be made at my discretion. The evening times will be utilized for assessments and retakes. The dates are as follows: 2/14, 3/7, 4/4, 4/26. We will meet in our regular classroom from 5:00 – 7:00 pm on these dates, in addition to our regularly scheduled class time. Make arrangements in your schedule to be available for these testing times.

Grading

Course averages will be calculated as follows:

- Homework - 10%
- Assessments - 85%
- Daily Attendance - 5%
- Final Exam- + or – one letter grade, at most

Homework

Homework will be assigned over each section from the textbook (listed under "Course Content"). Additional practice and reviews will be available through MyOpenMath software, which is a free online homework system.

- Homework will consist of worksheets and textbook problem sets, all submitted digitally via Gradescope.
- **No late work will be accepted!**
- I will drop 3 homework grades at the end of the semester to help compensate for unavoidable circumstances.

Assessments

There will be 10 - 12 assessments throughout the semester, worth a total of 85% of your final average. Assessments will reflect the course content and be administered during class or during the evening testing time. Each assessment will be graded for accuracy with no partial credit given. Additional information regarding the assessment procedures and the retake policy can be found in Blackboard.

Final Exam

A comprehensive final exam will be Monday, May 9, from 10:30 am – 12:30 pm. Specific details on exam delivery will be given later in the semester. However, you should expect the final exam to be given in person during our scheduled time.

The Final Exam will only influence your final grade by at most one letter. Your final average is calculated following the grading scheme below. The final exam will influence your final average using one of the scenarios described below:

- Improve your letter grade by one letter if you score a 90 or above
- Leave your letter grade unaffected if you score between a 60 and 89
- Lower your letter grade by one letter if you score below a 60

Drop Date

April 28th is the last day to drop a course with a W or withdraw from ASU.

Final Averages

Final averages will be determined using the following scale: A: an average of 90 or above; B: an average of 80 – 89; C: an average of 70 – 79; D: an average of 60 – 69; F: an average below 60

General University Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)[i]
- [Angelo State University Catalog](#)[ii]

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 university's [Statement of Academic Integrity](#)[iii] (Page 97).

Accommodations for Students with Disabilities

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.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).[iv] The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dr. Dallas Swafford

Director of Student Disability Services

Office of Student Affairs

325-942-2047

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](#)[v] for more information.

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](#)[vi] for more information.

Title IX at Angelo State University

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. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Miller, J.D. You may submit reports in the following manner:

Online: [Incident Reporting Form](#)[vii]

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.miller@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit the [Title IX website](#).[viii]

Information About COVID-19

Please refer to ASU's [COVID-19 (Coronavirus) Updates](#)[ix] web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification on potentially short notice based on developing circumstances.

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, 2nd edition* from OpenStax. This is a free textbook available online. A link to the proper book will be linked within Blackboard. You can also purchase a print version, if you prefer, via the campus bookstore. The following topics are covered.

1. **A Review of Basic Algebra:** Real Numbers; Integer Exponents and Scientific Notation; Rational Exponents and Radicals; Polynomials; Factoring Polynomials; Rational Expressions.
2. **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.
3. **Functions and Graphs:** Functions and Function Notation; The Rectangular Coordinate System and Graphing Lines; Linear Functions and Slope; Writing and Graphing Equations of Lines.
4. **Functions:** Graphs of Functions.
5. **Polynomial and Rational Functions:** Quadratic Functions
6. **Exponential and Logarithmic Functions;** Exponential Functions and Their Graphs; Logarithmic Functions and Their Graphs; Properties of Logarithms; Exponential and Logarithmic Equations.
7. **Linear Systems:** Systems of Linear Equations.

Subject Matter: (tentative schedule: subject to change)

The subject matter schedule listed below is tentative, and subject to change and adaptation. For current, updated information about course topics, contact the instructor or see Blackboard.

Week	Topics
1	Syllabus; Orientation; Real Numbers
2	Real Number, Exponents, Scientific Notation, Rational Exponents, Radicals
3	Polynomials, Factoring
4	Factoring, Rational Expressions
5	Rational Expressions, Linear Equations; **Evening Testing Time**
6	Applications of Linear Equations, Complex Numbers, Quadratic Equations
7	Quadratic Equations, Other Types of Equations
8	Other Types of Equations, Inequalities; **Evening Testing Time**
9	Inequalities, Rectangular Coordinate System, Functions and Function Notation
10	Domain and Range, Linear Functions
11	Quadratic Functions, Exponential Functions; **Evening Testing Time**
12	Logarithmic Functions, Properties of Logarithms
13	Exponential & Logarithmic Equations
14	Systems of Linear Equations; **Evening Testing Time**
15	Review for Final Exam
16	**FINAL EXAM**

[i] https://www.angelo.edu/current-students/student-handbook/

[ii] https://www.angelo.edu/academics/catalog/

[iii] https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=97

[iv] https://www.angelo.edu/current-students/disability-services/

[v] https://angelo.policystat.com/policy/10659448/latest/

[vi] https://angelo.policystat.com/policy/10659368/latest/

[vii] https://www.angelo.edu/incident-form

[viii] https://www.angelo.edu/title-ix

[ix] https://www.angelo.edu/covid-19/