

**MAT 105 - College Algebra  
Anderson University (SC)  
Syllabus**

**Course Information**

**Course Name:** Math 105 College Algebra

**Course Description:** Math 105 is a basic algebra course beginning with a review of the real number system and basic algebraic properties. It is intended for students who need a terminal course in college algebra and for those who wish to take a more advanced mathematics course but do not have sufficient algebra skills. Topics to be covered are polynomials, factoring, equations, algebraic inequalities, functions, graphs, polynomial and rational functions, systems of equations, and logarithms.

**CourseID:** andersonuniversitycol

**Location:** Online. There will be several optional synchronous sessions for this class. Check canvas for the link to the synchronous sessions. During these sessions, we shall solve problems, answer questions and explain some concepts which may be a little challenging.

**Course Purpose and Learning Outcomes**

This is an algebra and applied mathematics course for students in majors outside of mathematics/science and fosters an appreciation for mathematics and its role in society.

MAT 105 has the following learning outcomes:

- Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
- Learning to apply course material (to improve thinking, problem solving, and decisions)
- Learning appropriate methods for collecting, analyzing, and interpreting numerical information.

**Methods of Assessing Achievement of Learning Objectives**

Students' achievement will be assessed online through the Discussion Board, assignments, quizzes, tests, and a cumulative final exam.

## Student Feedback and Grading Policies and Procedures

1. a) Online **Discussion Board** participation will count for **10%** of the final grade. Each student **must make at least one detailed post per week on the discussion board to ensure maximum grade for participation.** I will post various discussion topics each week which could be a question or a follow up from a comment posted by a student.
2. b) Online Assignments (Hawkes) will count for **20%** of the final grade. Make sure the Assignments are done on or before the due dates.
3. c) There will be Four **Tests** counting for **45%** of the final grade. All tests must be taken by the due date otherwise a zero will be recorded. **All tests must be taken by the student enrolled in this class and each student must adhere to the policies for each test. Absolute honesty is expected of every student during tests, finals and assignments.**
4. d) A **cumulative final** will count for **25%** of the final grade. The finals must be taken by the due date otherwise a zero will be recorded. The **Final exam, like all tests, demands absolute honesty on the part of the students.**

**Note:** There will be no extra credits in this class. Students are encouraged to start working hard from the first day of class.

### PROCTORIO INFORMATION

All tests and exams will be proctored using Proctorio. See canvas for more information on Proctorio.

#### **Note:**

1. There will be no extra credits in this class. Students are encouraged to start working hard from the first day of class.
2. All tests, homework and exams must be done by the student and no one else.

#### **Grade breakdown:**

90 – 100 A

80 - < 90 B

70 - < 80 C

60 - < 70 D

< 60 F

## Content Outline

The course content outline is found distributed across the modules on canvas.

## Methods of Instruction

Online.

## Assignments, Course Calendar, Technology, and Textbook

The assignments and course calendar are on Canvas, <https://au.instructure.com>

### Textbook:

#### MAT 105:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

## Computer and Technology Usage

A basic operations calculator with a power key will be required. No other electronic equipment should be accessible during a test.

## Course Policies

### Academic Dishonesty

Each student should refer to his/her Student Handbook for Anderson University's Academic Dishonesty Policy. Copying and posting other person's work as your own will be considered as academic dishonesty.

Tests/Exams, quizzes and homework should be done by you the student only. Help from other persons and sources **while doing** homework, quizzes and tests/exams will be considered as a practice of academic dishonesty. This may involve disciplinary actions from the University.

### Attendance

Attendance is defined as logging in and posting at least one message in the Discussion forum per week.

Posting quizzes, homework and exams/test do not constitute attendance.

## **Participation**

Participation is defined as posting substantial, relevant, and meaningful discussions in the discussions forum. The guideline for substantial postings is 100 words. Please note that when it comes to participation, both quantity and quality are important considerations. One-liners such as "I agree", would not constitute participation since it does not add anything of substance to the discussion. There are other similar responses that do not contribute to the discussion. In order to earn full participation points, you must add something of substance to the discussion. This would consist of your perspectives, and pointed follow-up questions, elaboration of ideas, examples, etc. The instructor will be the final judge on your participation points based on your responses. Make an earnest effort to answer the Discussion questions, whether you are right or wrong.

The points for the discussion are not based on being right or wrong, but depends on your participation in the dialogue or discussions and asking questions that are contributing to learning something. Please post responses only in the threads provided. Please do not start a new thread for the discussion questions except allowed to.

Homework problems will not be discussed in the Discussion forum. However, similar problems can be discussed in the discussion forum. Homework is the students' responsibility. Posting negative comments about the class, Instructor, University, personal hardships, and suggestions on how the class can be better run are not suitable for the discussion forums and the classroom. Those messages will be deleted and they will not contribute to the learning environment of the class. They will not yield any participation point and may be considered as disruptions to the learning environment of the class.

You cannot copy something from the internet search engines and post it in the discussion forum. All copied material should be accompanied by proper citation of the sources. Failure to do that will result in deduction of points for the assignment or discussion board participation. Posting answers to homework problems so that all students can see the answers will result in getting zero points for that homework set. Be positive and be helpful to your fellow classmates and the Instructor. Your positive attitude can bring better results for everyone. Observe the open nature of the internet and you should not violate the proprietary information and rights of others and other companies in your discussions.

No political discussions will be allowed in the classroom. Be mindful and sensitive to the feelings of others when you post messages, since you do not know how others read your messages.

## **Email communication**

All students are expected to establish and maintain an email address on the Anderson University email system. Students are expected to check their email at least once each day until the completion of the course. Students are also expected to log into the Hawkes software, [www.hawkeslearning.com](http://www.hawkeslearning.com) ([Links to an external site.](#)) at least once a day to check for new information under course materials, quizzes, tests, assignments etc. Students are responsible for all material, assignments, and announcements sent by email, posted on Moodle or posted on Hawkes. Ignorance of course requirements, instructor statements and directions, and University announcements or policy statements sent through University email or any of the options listed above is not an acceptable excuse for failure to meet the requirements of a course or to adhere to University policy.

## **Statement on Disabilities and Academic Adjustments**

If you have a disability that may interfere with your learning, testing, or assignment completion in this course, you may be eligible to receive an academic adjustment to help provide you with an equal opportunity to participate in and benefit from this course. Please contact Dr. Dianne King, Director of the Center for Student Success, at [ldking@andersonuniversity.edu](mailto:ldking@andersonuniversity.edu) who will advise you on appropriate documentation, determine reasonable adjustments, and notify me of any adjustments for which you are eligible. Once you have been approved for an academic adjustment through the Center for Student Success, please discuss with me the appropriate implementation in this course. Documentation must meet the guidelines specified by university policy, and no one else can be notified of your disability or adjustment without your written consent. This process must be repeated for every semester you are enrolled at Anderson University and wish to receive an adjustment. Academic adjustments are intended to “level the playing field” so that students with disabilities can demonstrate their true abilities in their courses. Changes cannot be made to grades earned before a student has requested an adjustment, so please attend to this early in the semester.

## **Learning Facilities and Resources for Students**

The instructor always welcomes students to send emails or even stop by his office for extra help or to discuss topics of interest.

## **Note**

The instructor reserves the right to alter, add to, or delete requirements of the syllabus based upon the instructor's judgment of what is best for the educational purposes of the particular class. Changes in class requirements and their influence on the final grade for the course will be discussed by email and in the discussion board in advance. Calendar and/or assignment changes will be discussed also.