

# MAC1105: College Algebra

## Welcome to the course

In this course you will use your math skills to learn about functions that will help you see the world mathematically and further develop your skills to be successful in your subsequent college level math courses. We will use Canvas and Zoom and the MyLab and Mastering online program by Pearson to complete our homework, quizzes, and tests.

We will not use the textbook. Do not purchase the textbook (unless you need a hard copy of the textbook). You **must** purchase the MyLab Access code to enable you to complete your online assignments.

You must register for the MyLab course through Canvas. To enroll in the MyLab course, go to [Modules](#) and under the Welcome module select Register for MyLab and follow the prompts.

Syllabus Spring 2023

## I. Course Information

Course Title: College Algebra

Course Number: MAC1105 Section 03

Instructor Name: Scott Smith

Credit Hours: 3

Course Location: 7-112, class meets Monday and Wednesday 11:00 am-12:15 pm

Office Location: Building 2 Room 207

Telephone No.: 352-854-2322 extension 1390

**Email: [smiths@cf.edu](mailto:smiths@cf.edu)**

The best way to reach me is by email. I usually respond soon but please allow 24 hours for a response Monday morning through Thursday afternoon and up to 48 hours for a response Thursday evening through Monday morning. Scheduled holidays may extend the response time.

## Office Hours

Monday: 12:30 pm-2:30 pm

Tuesday: 11:00 am-12:15 pm, 2:00 pm-2:30 pm

Wednesday: 8:00 am -9:30 am, 12:30 pm-2:30 pm

Thursday: 11:00 am-12:15 pm, 2:00 pm-2:30 pm

For Office Hours you may also email me to request to use the Zoom meeting below.

Scott Smith is inviting you to a scheduled Zoom meeting.

Topic: Scott Smith's Personal Meeting Room

Join Zoom Meeting

<https://cfpatriots.zoom.us/j/9054079025>Links to an external site.

Meeting ID: 905 407 9025

One tap mobile

+13126266799,,9054079025# US (Chicago)

+16468769923,,9054079025# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Germantown)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

Meeting ID: 905 407 9025

Find your local number: <https://cfpatriots.zoom.us/u/aeB4GzSCnV>Links to an external site.

Prerequisite for the course: MAT1033 or a suitable placement score.

**Required Materials:** MyLab and Mastering access code for text

Scientific calculator

Optional Materials: none

Text Title: College Algebra: Graphs and Models

Author of Text: Bittinger

Edition: 6<sup>th</sup>

ISBN No. 9780135834398

### Cell phones

- You will not be using a cell phone in this class.

### Calculators

A scientific calculator is required. TI-30XS, TI-30XIIS, TI-34 Multi view are recommended calculators.

- Cell Phones may NOT be used as a calculator.
- Calculators that can transmit data wirelessly are NOT allowed.
- Calculators with symbolic Capability are NOT allowed.

## II. Course Description

In this course you will learn the mathematical concepts you need to be successful in your next mathematics course. I expect you to complete your assignments by the due date and ask questions when you need help. It is your responsibility to keep track of when assignments are due. It is your responsibility to do the work assigned. At the end of the semester you will receive the grade that you have earned for this course. I will assign the grade that represents the knowledge you have learned and earned by working hard on the content of this course.

This course is designed as a foundational course for those students who must take additional mathematics in their chosen majors and do not yet have an appropriate background. This course content will study mathematics from a functional perspective, including linear, quadratic, rational, absolute value, radical, exponential and logarithmic functions.

## III. Student Learning Outcomes/Course Objectives.

### Learning Outcomes & How Measured

**Quantitative and Analytical Reasoning:** The student will understand and apply mathematical and scientific principles and methods.

1. Perform accurate computations using order of operations with and without technology.

How Measured: Quiz, Exams

2. Identify and organize relevant information and complete the solution of an applied problem.

How Measured: Quiz, Exams

3. Interpret and communicate understanding of visual representations of data.

How Measured: Quiz, Exams

4. Demonstrate mathematical number sense and unit sense.

How Measured: Quiz, Exams

#### IV. Assessment

Grading scale: Final grades will be based on the total points earned for the course.

<b>Grade</b>	<b>Percent</b>	<b>Points</b>
<b>A</b>	<b>90% - 100%</b>	<b>720-800</b>
<b>B+</b>	<b>87% - 89.9%</b>	<b>696-719</b>
<b>B</b>	<b>80% - 86.9%</b>	<b>640-695</b>
<b>C+</b>	<b>77% - 79.9%</b>	<b>616-639</b>
<b>C</b>	<b>70% - 76.9%</b>	<b>560-615</b>
<b>D</b>	<b>60% - 69.9%</b>	<b>480-559</b>
<b>F</b>	<b>0% -59.9%</b>	<b>0-479</b>

<b>Assignments</b>	<b>Weights</b>
<b>Exams:</b>	Approximately 70%
<b>Quizzes:</b>	Approximately 15%
<b>Homework:</b>	Approximately 15%
<b>Attendance:</b>	0%

#### Grading Information:

##### **Exams**

- - - Approximately 70% of overall grade
    - All exams must be proctored.
    - No Make-up exams!
    - No Retaking exams!
    - The 5<sup>th</sup> exam (Final Exam) counts as a exam grade, and if greater, will also replace your lowest exam score or missed exam

##### **Quizzes**

- - - Approximately 15% of overall grade
    - You will have 3 attempts per quiz.
    - There will be no extensions for not turning in a quiz on time.

## Homework

- Approximately 15% of overall grade
- Homework is assigned for every section of class
- The student is expected to complete each assignment and if the student encounters difficulties with a problem(s), then the student should ask appropriate questions via email or see the instructor during office hours, or get assistance at the Math Center.
- The student is expected to complete the homework by the due date. I encourage you to finish the homework early so that you have more time to study for the exams.

## Attendance

- - 
  - 0% of overall grade
  - Attendance is established by doing assignments in MyLab and Mastering.
    - For Financial aid you must be registered in the course in MyLab and Mastering and have completed one assignment.
  - Non-Attendance does not constitute as a withdrawal from the course. It is the student's responsibility to complete the withdrawal forms by the appropriate date.
  - If the student is having trouble, it is the students responsibility to get help from the instructor, another student, or tutor. You may contact the instructor through email, or stop by during office hours.

## Late work

- -

- All MyLab and Mastering assignments must be turned in by the due date.
- Failure to turn in an assignment on time will result in a 5% late penalty per day reduction to the student's score.

### Extra Credit

- - 
  - **No Extra Credit**

### Make-up policy:

- - 
  - **No make-up work will be given** unless there is an emergency or prior approval has been given by the instructor. In such an event, you must notify your professor before the exam or item is due unless the emergency prohibits it and you will be asked to bring proof of the emergency. A make-up exam must be taken within one week of the original exam date unless the emergency prohibits it. While you do not need to disclose personal details, let your professor know as soon as possible if something is preventing you from participating online or completing work.

### Student Responsibilities & Course Requirements

**Academic Integrity- It is the responsibility of the student to maintain their integrity throughout the course. Do your own work. Learn the mathematics. If a student is found to be in violation of our academic integrity they will be assigned a grade of FF in the course and a referral to the Academic Integrity Seminar. Upon successful completion of the Academic Integrity Seminar the student will be assigned a grade of F for the course. For more information about academic integrity please see the College Policies page here in Canvas and also your student code of Conduct.**

1. Students are expected to complete each assignment by the date due. Assignments types are Homework, Quizzes and Exams or Tests.
  2. Students will complete 5 tests which must be **proctored**.
    - The first 4 exams will have 25 questions and you will have 90 minutes to complete.
    - The 5th or Final Exam will have 30 questions and you will have 120 minutes to complete.
    - The 5th or Final Exam will be administered the same as all other tests. **If greater, the score of the Final Exam will replace your lowest exam score from the previous exams.**
  3. Using MyLab, you should view each power point, videos, interactive videos, the textbook and other available materials under the course contents. These materials serve as the teaching portion of the course. You may also view instruction videos from other sources such as Kahn Academy. After viewing the material you should do the homework for the chapter and then the quiz.
  4. Quiz problems will be similar to the homework problems. You will not have the help buttons available when taking a quiz. You will have three attempts at each quiz. The quiz must be completed before the questions are graded. If you use the second/third attempt you will need to do the entire quiz over, not just one particular problem. The problems will be similar but probably not exactly the same. Only the highest quiz score counts toward the grade. **Only quizzes completed prior to the due date will receive credit.**
- Extended Emergency Closure

“For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our [website\(Links to an external site.\)](#) (CF.edu).”
  - The Ocala Testing Center is located on the second floor of the Student Bryant Union Building 5, Room 205. Appointments are required. For information on making an appointment visit the



testing center website [CF.edu/Testing](http://CF.edu/Testing) ([Links to an external site.](#)) [Links to an external site.](#) or call 352-291-4419.

- The Citrus Campus Testing Center is located in C4-109. Call 352-249-1213 for an appointment.
- Stop at the front desk for directions to the Levy Testing Center. You can call 352-493-9533, ext. 2100 or 2111, for an appointment.

### Online Tutoring Assistance

You can use the [Smarthinking Online Tutoring](#) tab on the left menu bar to access tutors.

The College of Central Florida tutors are at the top and the subject will have a CF in front of it. Please make sure you utilize our CF tutors.

Log on for SMARTHINKING

Initial username logon is **Your CF ID number and CF (e.g., 99999CF)**

Initial password is **lastname (lowercase)**

Then you will create your own account. The limit for Smarthinking is 5 hours per student. If you desire more time contact Josh Strigle at x-1317 or [dlhelp@cf.edu](mailto:dlhelp@cf.edu).

### Math Websites

[Khanacademy](#) [Links to an external site.](#) (Links to an external site)

[Quickmath](#) [Links to an external site.](#) (Links to an external site)

[Purplemath](#) [Links to an external site.](#) (Links to an external site)

### Course Schedule/Outline

STATEMENT: The instructor reserves the right to make any changes as needed. Due to unforeseen happenings, it may be necessary for the course assignment schedule to be altered. The instructor will always strive to be fair about any changes.

Date	Details	Due
Sun Jan 15, 2023	Assignment <a href="#">Chapter 1.1</a>	due by 11:59p
	Assignment <a href="#">Chapter 1.1 - 1.3 Quiz</a>	due by 11:59p
Sun Jan 22, 2023	Assignment <a href="#">Chapter 1.2</a>	due by 11:59p
	Assignment <a href="#">Chapter 1.3</a>	due by 11:59p
Sun Jan 29, 2023	Assignment <a href="#">Chapter 1.4</a>	due by 11:59p
	Assignment <a href="#">Chapter 1.5</a>	due by 11:59p
	Assignment <a href="#">Chapter 1 Practice Exam</a>	due by 11a
	Assignment <a href="#">Chapter 1.4 - 1.6 Quiz</a>	due by 11a
Wed Feb 1, 2023	Assignment <a href="#">Chapter 1.6</a>	due by 11a
	Assignment <a href="#">Order of Operations Quiz</a>	due by 11a
	Assignment <a href="#">Chapter 1 Exam</a>	due by 3p
Sun Feb 12, 2023	Assignment <a href="#">Chapter 2.1</a>	due by 11:59p
	Assignment <a href="#">Chapter 2.2</a>	due by 11:59p
Sun Feb 19, 2023	Assignment <a href="#">Chapter 2.1 - 2.3 Quiz</a>	due by 11:59p
	Assignment <a href="#">Chapter 2.3</a>	due by 11:59p
Sun Feb 26, 2023	Assignment <a href="#">Chapter 2.4</a>	due by 11:59p

Date	Details	Due
	Assignment <a href="#">Chapter 2.5</a>	due by 11:59p
	Assignment <a href="#">Chapter 2 Practice Exam</a>	due by 11a
	Assignment <a href="#">Chapter 2.4 - 2.6 Quiz</a>	due by 11a
Wed Mar 1, 2023	Assignment <a href="#">Chapter 2.6</a>	due by 11a
	Assignment <a href="#">Number Sense Quiz</a>	due by 11a
	Assignment <a href="#">Chapter 2 Exam</a>	due by 3p
	Assignment <a href="#">Chapter 3.1</a>	due by 11:59p
Sun Mar 12, 2023	Assignment <a href="#">Chapter 3.1 - 3.2 Quiz</a>	due by 11:59p
	Assignment <a href="#">Chapter 3.2</a>	due by 11:59p
	Assignment <a href="#">Chapter 3.3</a>	due by 11:59p
Sun Mar 26, 2023	Assignment <a href="#">Chapter 3.4</a>	due by 11:59p
	Assignment <a href="#">Chapter 3.3 - 3.5 Quiz</a>	due by 11:59p
Sun Apr 2, 2023	Assignment <a href="#">Chapter 3.5</a>	due by 11:59p
	Assignment <a href="#">Chapter 4.1</a>	due by 11:59p
	Assignment <a href="#">Chapter 3 &amp; 4 Practice Exam</a>	due by 11a
Wed Apr 5, 2023	Assignment <a href="#">Chapter 4 Quiz</a>	due by 11a

Date	Details	Due
	Assignment <a href="#">Chapter 4.2</a>	due by 11a
	Assignment <a href="#">Chapter 4.5</a>	due by 11a
	Assignment <a href="#">Visual representations of Data Quiz</a>	due by 11a
	Assignment <a href="#">Chapter 3 &amp; 4 Exam</a>	due by 3p
Sun Apr 16, 2023	Assignment <a href="#">Chapter 5.1</a>	due by 11:59p
	Assignment <a href="#">Chapter 5.2</a>	due by 11:59p
Sun Apr 23, 2023	Assignment <a href="#">Chapter 5.1 - 5.3 Quiz</a>	due by 11:59p
	Assignment <a href="#">Chapter 5.3</a>	due by 11:59p
	Assignment <a href="#">Chapter 5.4</a>	due by 11:59p
Wed Apr 26, 2023	Assignment <a href="#">Chapter 5 Practice Exam</a>	due by 11a
	Assignment <a href="#">Chapter 5.4 - 5.6 Quiz</a>	due by 11a
	Assignment <a href="#">Chapter 5.5</a>	due by 11a
	Assignment <a href="#">Chapter 5.6</a>	due by 11a
	Assignment <a href="#">Problem Solving Quiz</a>	due by 11a
	Assignment <a href="#">Chapter 5 Exam</a>	due by 3p
Mon May 1, 2023	Assignment <a href="#">Chapter 6.1</a>	due by 11a

Date	Details	Due
	Assignment <a href="#">Final Exam</a>	due by 11a
	Assignment <a href="#">Practice Final Exam</a>	due by 11a
	Quiz <a href="#">Contacting the instructor Quiz</a>	
	Assignment <a href="#">Roll Call Attendance</a>	
	Quiz <a href="#">Taking an Exam Quiz</a>	

**Prev monthNext monthJanuary 2023**

Calendar						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30	31
December 202225	December 202226	December 202227	December 202228	December 202229	December 202230	December 202231
Previous month	Previous month	Previous month	Previous month	Previous month	Previous month	Previous month
1 January 20231	2 January 20232	3 January 20233	4 January 20234	5 January 20235	6 January 20236	7 January 20237
8 January 20238	9 January 20239	10 January 202310	11 January 202311	12 January 202312	13 January 202313	14 January 202314
15 January 202315	16 January 202316	17 January 202317	18 January 202318	19 January 202319	20 January 202320	21 January 202321
22 January 202322	23 January 202323	24 January 202324	25 January 202325	26 January 202326	27 January 202327	28 January 202328
29 January 202329	30 January 202330	31 January 202331	1 February 20231	2 February 20232	3 February 20233	4 February 20234
Click to view event details			Next monthClick to view event details	Next month	Next month	Next month