Course Information

Spring 2023 Syllabus

MAC1105—College Algebra (3—credits)

Section 04

Class Meets (Day & Time): TH 11:00 – 12:15

Mathematics Building 7—101

I. Instructor Contact Information

Instructor Name:	Thanease Roberts		**Building 7**		**Office #102E**	
E-mail address:	robertst@cf.edu		**Phone # 352-854-2322**		**ext. #1346**	
Office Hours	**Mon**	**Tues**	**Wed**	**Thurs**	**Friday**	**Sat.**
	11:00 – 2:00 3:30 – 5:00 (Online)	12:30– 2:00	11:00 – 2:00 3:30 – 5:00 (Online)	12:30– 2:00		

Extended Emergency Closure
For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website www.CF.edu

II. Course Description

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. The emphasis is the study of mathematics from a functional perspective—including linear, quadratic, rational, absolute value, radical, exponential and logarithmic functions. Systems of equations and inequalities and applications such as curve fitting, mathematical modeling, optimization and exponential growth and decay are included.

Class Attendance: Attendance, punctuality, and class participation are all expected at the college level. Class attendance will be recorded. Regular attendance and being on time are a requirement for this course. The student is responsible for all information /material /assignments covered in class. Attendance is required for all tests. Students who are absent for more than two classes may be dropped from the course. However, non-attendance does not constitute withdrawal from this course. It's the student's responsibility to complete the withdrawal forms by the appropriate date

Required:	MYMATHLAB/**access code**	**Optional Materials (Text):**	College Algebra graphs and models
ISBN #:		**Author of Text:**	BITTENGER, BEECHER, ELLENBOGEN, PENNA
Required Materials:	MYMATHLAB access code and Scientific Calculator (Texas Instrument TI-30XS Multiview preferred)		

III. Student Learning Outcomes/Course Objectives

http://inside.cf.edu/departments/curriculum/Learning%20Outcomes%20Subcommittee/2009-2010/Other%20Documents/L.O.%20Course-related%20Matrix%20Template%208-15-09.doc

Learning Outcome	Quiz	Exam	Project	Classroom Activity
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.	X	X		X
2. Identify and organize relevant information and complete the solution of an applied problem.	X	X		X
3. Interpret and communicate understanding of visual representations of data.	X	X		X
4. Demonstrate mathematical number sense and unit sense.	X	X		X

IV. Assessment

HOW THE COURSE WORKS:

1. **Homework:** Homework will be assigned for each section covered. Access homework problems and MML assignments using MyMathLab software. You can do the homework and MML assignments as many times as you want; just click "similar problem ". If you do the homework you will be well prepared for the tests. The assignments have due dates posted in MyMathLab. **DO NOT MISS THE ASSIGNMENT DEADLINES!!!!!**

2. Quizzes. There will be 3 online quizzes given in MML. See the schedule below for due dates.

3. **Test will be taken in class.** Dates for tests are listed in the schedule below.
   TEST #1 –covers chapter 1
   TEST #2- covers chapter 2
   TEST #3-covers chapter 3
   TEST #4 – Final Exam

Assignments are weighted as follows:	Homework (online in MML)	10%
	Quizzes	10%
	In class Tests	80%

Grades: The final grade will be calculated based upon your performance on the above assignments. The following system will be used for the final grade:

A – 90 – 100% **B+ -** 89 – 87 % **B –** 80 – 86 % **C+ -** 79 – 77%
C – 70 – 76% **D –** 60 – 69% **F –** 0 – 59%
FF – Failure due to academic integrity issues

Make-up policy if needed: If you miss a test the final exam will replace that missing test

V. Course Schedule/Outline

MAC1105 Course Outline

(All Assigned homework is listed in MyMathLab with due dates)

Day	Date	Section
Tuesday	01/10	Introduction 1.1
Thursday	01/12	1.2
Tuesday	01/17	1.3
Thursday	01/19	1.4
Tuesday	01/24	1.5
Thursday	01/26	1.6 & Review for Test
Tuesday	01/31	Chapter 1 Test & Chapter 1 Quiz Due
Thursday	02/02	2.1
Tuesday	02/07	2.2
Thursday	02/09	2.3
Tuesday	02/14	NO CLASS
Thursday	02/16	2.4
Tuesday	02/21	2.5
Thursday	02/23	2.6
Tuesday	02/28	Chapter 2 Test
Thursday	03/02	3.1,3.2
Tuesday	03/07	3.3
Thursday	03/09	3.4
Tuesday	03/21	3.5 & Review
Thursday	03/23	Chapter 3 Test & Chapter 3 Quiz Due
Tuesday	03/28	4.1
Thursday	03/30	4.2
Tuesday	04/04	4.5
Thursday	04/06	5.1
Tuesday	04/11	5.2
Thursday	04/13	5.3
Tuesday	04/18	5.4
Thursday	04/20	5.5
Tuesday	04/25	5.6, 6.1
Thursday	04/27	Review for Final Exam & Chapter 5, 6.1 Quiz Due 04/30

Date and time of final exam: May 2, 2023 at 11:00 am

STATEMENT: 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.

***Tutoring is free for CF students*:**

Ocala Campus	Mathematics Lab,	Building 7, Room 106	352-854-2322, ext. 1259
Ocala Campus	Learning Support Center	Building 3, Room 101	352-854-2322, ext. 1246