College Algebra

MAC1105 Section 55

Spring 2023

Instructor: Pam Weeks **Office:** C4-201D
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Office Hours	In C4-201D	Online
Monday	8:30 am – 9:30 am	
Tuesday	11:00 am – 2:00 pm	6:30 pm – 8:00 pm
Wednesday	8:30 am – 9:30 am	6:30 pm – 8:00 pm
Thursday	11:00 am – 2:00 pm	

The best way to contact me is through email. Please allow 24 hours for a response Monday morning through Friday afternoon and up to 48 hours for a response Friday evening through Monday morning. Scheduled holidays may extend the response time.

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.

Textbook: College Algebra Graphs and Models 6th edition by Bittinger, Beecher, Ellenbogen, Penna
REQUIRED: MyMathLab access code
You do not need to buy a hard copy of the book. The textbook is online on the MyMathLab website. When you buy your access code you will have access to the textbook online.

Grading Information: Homework and quizzes will be assigned online. They must be done by the due date. There will be four tests during the semester and a comprehensive final exam. Tests are to be taken by the date scheduled. At the end of the semester the lowest homework grade, quiz grade and test grade (not the final exam) will be dropped.

Tests ……..70%
Quizzes ……..……20%
Homework ……..10%

Grading Scale:

Letter Grade	Percentage
A	90 and above
B+	87 - 89
B	80 - 86
C+	77 - 79
C	70 - 76
D	60 - 69
F	59 and below

Student Responsibilities / Course Requirements

1. Students will come to class and participate in the discussion of each section.
2. Students will online homework for each section.
3. Students will complete online quizzes for each chapter.
4. Students will complete four tests in class.
5. Students will complete a comprehensive final exam in class during finals week.

1. During class we will discuss each section and then you should read each section. MyMathLab also has a video for each section. There are practice problems at the end of each section (the answers to the odd problems are worked out in the Student Solutions Manual) as well as online.

2. Each section will have homework problems. There are practice problems available in the text book. The graded homework problems are online and will be checked as you finish each problem. You can use the help on MyMathLab to do these problems. If you get a problem wrong you can try a similar problem and work until you get that problem type correct. You can retry homework problems until the due date. Your lowest homework grade will be dropped at the end of the semester.

3. There will be online quizzes for each chapter. The quiz problems will be similar to homework problems. You will not have the help buttons available when taking a quiz. You will have two attempts at each quiz; the better of the two scores will count towards your grade. The quiz must be completed before the questions are graded. If you use the second attempt you will need to do the whole quiz over, not just one particular problem. The problems will be similar but probably not exactly the same. Each quiz must be completed by the due date. Your lowest quiz grade will be dropped at the end of the semester.

4. There will be four in class tests. Tests are to be taken by the date scheduled. Test questions will be similar to those you have worked for homework and quizzes. If your test is taken away because you are caught cheating, your grade on the test will be a 0. Your lowest of these four tests will be dropped at the end of the semester.

5. There will be a comprehensive final exam in class during finals week. There will be a review provided so you will know the topics that will be covered on the exam. This exam is required and cannot be your dropped test.

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.

INSTRUCTOR'S EXPECTATIONS: Students should come prepared with pencil, paper, calculator, etc. to start class on time. Be attentive, courteous and respectful. Disruptive behavior will not be tolerated. Disruptive students may be asked to leave the classroom. Continuous disruptive behavior may result in withdrawal from the course and disciplinary action under the Code of Student Conduct. (See the Student Handbook) Spend time outside of class working on homework and studying.

Homework will be assigned each class period. Come see me during office hours if there is something you do not understand. Practicing the skills we cover is very important. Keeping up with the homework assignments is a good way to do this. There is math help available at the math lab.

ATTENDANCE POLICY: Attendance will be taken and recorded at each class. Students are expected to attend class on a regular basis. If you miss class it is your responsibility to find out what you have missed. When you are in class your cell phone should not ring.

Canvas: This course uses Canvas to post course materials. Go to MyCF (mycf.cf.edu/ICS/), login, click on the Academics tab, and follow the link to Go to Canvas. If you are not familiar with Canvas, you may access a self-tutorial by hovering over the Courses tab in Canvas and clicking on the Getting Started in Canvas course. Additional Canvas tutorials can be found under the help menu in the upper-right corner of your Canvas page. If you have any questions or encounter any problems logging on to Canvas or within the system, contact the Distance Learning Help Desk Monday through Friday, 8 a.m.-4:30 p.m. (fall and spring hours), or Monday through Thursday, 7:30 a.m.-5:30 p.m. (summer hours), at dlhelp@cf.edu or at 352-854-2322, ext. 1317. You may also use the 24/7 Canvas help desk by clicking the Help link in the upper right corner of Canvas.

Attendance Verification for Financial Aid: Attendance Verification is submitted each semester, generally in the third week of the term. Federal Student Aid requires that attendance is based on academic attendance or attendance at an academically-related activity. For this class, your attendance is verified based on **physically attending a class meeting.**

Non-attendance does not constitute withdrawal from this course. It is the student's responsibility to complete the withdrawal forms by the appropriate date.

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

Disclaimer: The Instructor reserves the rights to make any changes to these policies and procedures as well as the course outline as deemed necessary.

MAC1105 Schedule

All media assignments, homework and quizzes for each test must be done by the test due date.

Assignment	Due Date	Chapters
Orientation	1/17	
Test 1	1/31	1
Test 2	2/23	2
Test 3	3/30	3,4
Test 4	4/25	5,6
Final Test	5/2	All

No Class: February 14 – Faculty Professional Development
March 13 – 19 – Spring Break

Assignments must be completed by the due date. Plan ahead, some sections may take longer than others so don't wait until the due date to start working on assignments. No late assignments will be accepted.

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.

Learning Outcomes

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/Test
2. Identify and organize relevant information and complete the solution of an applied problem.
   How Measured: Quiz/Test
3. Interpret and communicate understanding of visual representations of data.
   How Measured: Quiz/Test
4. Demonstrate mathematical number sense and unit sense.
   How Measured: Quiz/Test

The College of Central Florida is committed to helping you succeed and achieve your academic, personal and career goals. There are a wide range of resources and support services available to you. When students are connected early to resources and support systems on campus they are more likely to stay in classes, perform better in those classes, and complete their path more quickly. One example is through an Early Support Program, where you may receive an email indicating your professor or advisor is reaching out directly to help connect you to support services. This may include connecting you to tutoring, financial support, psychological support services, and disability services just to name a few. Be aware, you can also reach out to these services on your own as well. Additionally, we offer free tutoring, disability services, a testing center, and many other resources which are all available to you. Please refer to the College Resources, Dates, and Policies document in your Canvas course to learn more about these supports and policies.

MAC1105 Tentative Schedule

Date	Topic
1/10	Introduction and Chapter 1
1/12	Chapter 1
1/17	Chapter 1
1/19	Chapter 1
1/24	Chapter 1
1/26	Chapter 1
1/31	**Test: Chapter 1**
2/2	Chapter 2
2/7	Chapter 2
2/9	Chapter 2
2/14	**Faculty Professional Development – No Class**
2/16	Chapter 2
2/21	Chapter 2
2/23	**Test: Chapter 2**
2/28	Chapters 3 & 4
3/2	Chapters 3 & 4
3/7	Chapters 3 & 4
3/9	Chapters 3 & 4
3/13 – 3/19	**Spring Break**
3/21	Chapters 3 & 4
3/23	Chapters 3 & 4
3/28	Chapters 3 & 4
3/30	**Test: Chapters 3 & 4**
4/4	Chapter 5
4/6	Chapter 5
4/11	Chapter 5
4/13	Chapter 5
4/18	Chapter 5
4/20	Chapter 6
4/25	**Test: Chapters 5 & 6**
4/27	Final Review
5/2	**Final Exam**

This schedule may change. Any changes will be announced in class.