

**Course Information**

# Spring 2023 Syllabus

## MGF1106—Liberal Arts Mathematics (3—credits)

### Section 04

**Class Meets (Day & Time): MW 2:00 – 3:15**

**Mathematics Building 7—room # 101**

**I. Instructor Contact Information**

<b>Instructor Name:</b>	Thanease Roberts			<b>Building 7</b>	<b>Office #102E</b>	
<b>E-mail address:</b>	robertst@cf.edu			<b>Phone # 352-854-2322</b>	<b>ext. #1346</b>	
<b>Office Hours</b>	<b>Mon</b>	<b>Tues</b>	<b>Wed</b>	<b>Thurs</b>	<b>Friday</b>	<b>Sat.</b>
	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](http://www.CF.edu)

**II. Course Description**

This course is designed for students whose majors do not require courses in Statistics, College Algebra, or Pre-Calculus. MGF1106 is not designed as a prerequisite for other mathematics courses. This course covers many mathematical skills-including systematic counting and probability, statistics, geometry, sets, and logic. Some topics related to the history of mathematics are also included in the course. This course counts toward the Gordon Rule mathematics requirements for the A.A. degree.

**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 is 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

**MGF 1106—Liberal Arts Mathematics (3)**

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**Prerequisite:**

<b>Required:</b>	MYMATHLAB/access code	<b>Optional Materials (Text):</b>	THINKING MATHEMATICALLY(LL)-W/MYMATHLAB
<b>ISBN #:</b>	9780134705095 (7 <sup>th</sup> Edition)	<b>Author of Text:</b>	BLITZER (ISBN- 9780134683713)
<b>Required Materials:</b>	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
<b>Quantitative and Analytical Reasoning: The student will understand and apply mathematical and scientific principles and methods.</b>				
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:**

- 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. Check out the multimedia library in MML for power points and video lectures. The assignments have due dates posted in MyMathLab. **DO NOT MISS THE ASSIGNMENT DEADLINES!!!!**
- Test will be taken in class.** Dates for tests are listed in the schedule below.
  - TEST #1 –covers chapter 1 and 2
  - TEST #2- covers chapter 3
  - TEST #3-covers chapter 9 and 10
  - TEST #4 –covers chapter 11 and 12.1 and 12.2
  - TEST #5 – Final Exam

**Assignments are weighted as follows:**

Homework (online in MML)	25%
In class Tests	75%

**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:

<b>A</b> – 90 – 100%	<b>B+</b> - 89 – 87 %	<b>B</b> – 80 – 86 %	<b>C+</b> - 79 – 77%
<b>C</b> – 70 – 76%	<b>D</b> – 60 – 69%	<b>F</b> – 0 – 59%	
<b>FF</b> – 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****MGF1106 Course Outline**

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

Day	Date	Section
Monday	01/10	Introduction 1.1
Wednesday	01/12	1.2 & 1.3
Monday	01/16	NO CLASS
Wednesday	01/18	2.1
Monday	01/23	2.2
Wednesday	01/25	2.3
Monday	01/30	2.4
Wednesday	02/01	2.5
Monday	02/06	Review
Wednesday	02/08	Test – Chapter 1 & 2
Monday	02/13	3.1
Wednesday	02/15	3.2
Monday	02/20	3.3
Wednesday	02/22	3.4
Monday	02/27	3.5 & 3.6
Wednesday	03/01	Review Chapter 3
Monday	03/06	Test Chapter 3
Wednesday	03/08	9.1 & 9.2
Monday	03/20	9.3, 10.1
Wednesday	03/22	10.2, 10.3
Monday	03/27	10.4, 10.5
Wednesday	03/29	10.6
Monday	04/03	Review CH 9 & 10
Wednesday	04/05	Chapter 9 & 10 Test
Monday	04/10	11.1 & 11.2
Wednesday	04/12	11.3 & 11.4
Monday	04/17	11.6, 11.7
Wednesday	04/19	12.1 & 12.2 & Review
Monday	04/24	Chapter 11& 12.1, 12.2 Test
Wednesday	04/26	Review for Final Exam

**Date and time of final exam: May 1, 2023 at 2 pm**

**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