I. Course Information

Course Title: Liberal Arts Mathematics
Course No. and Section: MGF1106_02
Instructor Name: Melissa Quigley
Credit Hours: 3 hours
Course Location: Building 7 room 113
Meeting Dates: Monday and Wednesday from 9:30 a.m. to 10:45 a.m.
Office Location: *Building 2 Room 207* (temporary office)
Office Hours:

- Monday: 9:00 a.m.—9:30 a.m. and 11:50 a.m.—2:00 p.m.
- Tuesday: 9:00 a.m.—9:30 a.m. and 12:30 p.m.—2:00 p.m.
- Wednesday: 9:00 a.m.—9:30 a.m., 11:50 a.m.—3:30 p.m.
- Thursday: 9:00 a.m.—9:30 a.m. and 12:30 p.m.—2:00 p.m.
- I am still available through email and canvas (virtually) throughout the day

Telephone No.: Please reach me via email or Canvas
Email: quigleym@cf.edu

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

II. Course Description

Liberal Arts 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. The course provides an opportunity for students to see mathematics used in ways not emphasized in traditional algebra courses. This course includes the study of: area and volume, set theory, logic arguments, sequences and numerical patterns, and financial mathematics. This course counts toward the Gordon Rule mathematics requirement for the A.A. Degree.

Required Text Title: MyMathLab access code, Blitzer.
Author of Text: Pearson
Edition: 7th edition
ISBN No.: 9780135903575
Required Materials: TI30XS Multiview Scientific Calculator
Optional Materials: paper copy of Thinking Mathematically 7th Edition, Blitzer (only if online e-text is not sufficient)

III. Student Learning Outcomes/Course Objectives

The following list offers students a consistent way to see how CF's global learning outcomes are assessed in each class. This is for information purposes only and does not change the grading system used in this class. Only those learning outcomes relevant to this course are included below.

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

Add course learning objectives

IV. Course Information & Assessment

Assignment Weights:

Assessment	Points	
Homework—5 points	x 34	170
Chapter Quizzes—15 points	x 7	105
Attendance—50 points		50
Exams—150 points	x 5	750

Extra Credit Opportunities: Test Reviews (5 points each for 25 points total)

Grading Scale:

The grading scale is based on 1,000 points.

a C or greater is required to pass

Letter Grade	Points Required
A	900+ points
B+	870-899.9 points
B	800-869.9 points
C+	770-799.9 points
C	700-769.9 points
D	600-699.9 points
F	< 600 points

Assignments:

HOMEWORK ASSIGNMENTS **145 points (14% of the grade)**

For each homework, the highest attempt counts. Each is worth 5 points. If you submit a partially completed paper, the grade will reflect the % completion.

ATTENDANCE **50 points (5% of the grade)**

Attendance is mandatory and part of your grade. It is proven that students who attend class (are present AND participate) frequently are more successful both in class and ultimately earn the intended degree. Including attendance in the grade calculations is not a punishment but rather a form of motivation and establishing good habits. Please communicate with your professor as soon as possible if you have extenuating circumstances. Timely communication is essential!

- 90% or more of classes = 50 points
- 80%-89% of classes = 40 points
- 70-79% of classes =35 points
- 60-69% of classes = 30 points
- Fewer than 60% = 0 points

CHAPTER QUIZZES **120 points (11% of the grade)**

For each quiz, the highest attempt counts. Each is worth 10 points. If you submit a partially completed paper, the grade will reflect the % completion.

PROCTORED TESTS (IN-CLASS) **750 points (70% of the grade)**

There will be five proctored exams. Exams will be given in class during designated class time.

All Exams are CLOSED NOTE AND CLOSED BOOK. Use of a personal calculator and scratch paper is allowed. Exam reviews (counted as extra credit) are posted with questions *very* similar to the exam questions. A conscientious effort on these reviews will leave you very well prepared for the exams. Each Exam is worth 150 points. There will be **NO MAKEUPS** and **NO RETAKES** of any proctored exam without prior notification and certified personal or family emergency. Any missed exam will count as a **ZERO**.

EXTRA CREDIT **25 points**

Test reviews are posted on Pearson with questions *very* similar to the exam questions. A conscientious effort on these reviews will leave you very well prepared for the exams.

Additional Policies & Information:

Late Work Policy:

Homework assignments and chapter quizzes can be turned in late for a grade deduction. The last day to turn in any late assignments is at the time of the final exam. No make-up tests 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 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.

Canvas & Patriots Mail:

Canvas is the main mode of communication for this course. Any important and immediate information will be posted in the announcements or through the canvas inbox. You are expected to log-in at least one per day to check announcements and work on assignments. Typically, Canvas messages are sent to your Patriots mail, therefore you will want to check this daily as well.

Supplemental Websites:

If you need more examples or a different way of approaching the problem try using YouTube or Khan Academy (not supported by Internet Explorer). Once on the website, search for the topic that you are having trouble with. YouTube will have countless videos of people all over the world answer questions and showing calculator steps. Khan Academy has videos as well, but within each unit, there are also practice problems that you can use to supplement your Math Lab practice.

V. Course Schedule/Outline

Tentative Schedule				
Class Date	**Sections Covered**	**Topic**	**Assignments**	**Due Date**
Aug 15		Introductions & Syllabus	Sign up for MyMathLab and look around Canvas	**ASAP**
Aug 17	Chapter 9	Measurement	HW: Chapter 9 Quiz: Chapter 9	**Aug 21**
Aug 22	10.1, 10.2	Points, Lines, Planes & Angles	HW: 10.1	**Aug 28**
Aug 24	10.2, 10.3	Triangles & Polygons	HW: 10.2, 10.3	**Aug 28**
Aug 29	10.4, 10.5	Area and Circumference, Volume and Surface Area	HW: 10.4, 10.5	**Sept 4**
Aug 31	10.6	Right Triangle Trigonometry	HW: 10.6 Quiz: Chapter 10	**Sept 4**
Sept 5	**No class—Campus Closed for Labor Day**			
Sept 7	Ch. 9 & 10	Review	Exam 1 Review	**Sept 12**
Sept 12	**Exam 1: Chapter 9 & 10**			
Sept 14	11.1,11.4	Counting & Probability	HW: 11.1, 11.4	**Sept 18**
Sept 19	11.2,11.3,11.5	Permutations & Combinations with Probability	HW: 11.2, 11.3, 11.5	**Sept 25**
Sept 21	11.6,11.7	Not, Or & And	HW: 11.6	**Sept 25**
Sept 26	11.7, 11.8	Expected Value	HW: 11.7, 11.8 Quiz Chapter 11	**Oct 2**
Sept 28	12.1,12.2	Frequency Distributions, Histograms; Mean, Median, Mode	HW: 12.1, 12.2 Quiz Chapter 12	**Oct 2**
Oct 3	Ch. 11 & 12	Review	Exam 2 Review	**Oct 5**

Oct 5	**Exam 2: Chapter 11 & 12**			
Oct 10	1.1,1.2	Reasoning, Estimation, Graphs & Models	HW: 1.1, 1.2	**Oct 16**
Oct 12	1.3, 2.1	Problem Solving; Sets	HW: 1.3, 2.1 Quiz: Chapter 1	**Oct 16**
Oct 17	2.2,2.3	Subsets & Venn Diagrams	HW: 2.2,2.3	**Oct 23**
Oct 19	2.4,2.5	Venn Diagrams with 3 Sets & Survey Problems	HW: 2.4, 2.5 Quiz: Chapter 2	**Oct 23**
Oct 24	Ch. 1 & 2	Review	Exam 3 Review	**Oct 26**
Oct 26	**Exam 3: Chapters 1 & 2**			
Oct 31	3.1, 3.2	Logic Statements & Compound Statements	HW: 3.1, 3.2	**Nov 6**
Nov 2	3.3, 3.4	Truth Tables	HW: 3.3,3.4	**Nov 6**
Nov 7	3.5	Equivalent Statements	HW: 3.5	**Nov 13**
Nov 9	3.6	Negations	HW: 3.6	**Nov 13**
Nov 14	3.7	Arguments & Truth Tables	HW: 3.7 Quiz: Chapter 3	**Nov 20**
Nov 16	Ch. 3	Review	Exam 4 Review	**Nov 21**
Nov 21	**Exam 4: Chapter 3**			
Nov 23—25	**No Class—Campus Closed for Break**			
Nov 28		Final Exam Review		**Dec 7**
Nov 30		Final Exam Review		**Dec 7**
Dec 5	**No Class—Finals Week**			
Dec 7	**Cumulative Final Exam: 9:30 a.m. to 11:30 a.m. in room 7-113**			

STATEMENT: Assignments are due each Monday by 11:59 p.m. (except test reviews). 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.

VIII. Additional statements for this course

Additional Tutoring:

Tutoring is FREE for CF students! There are 3 options available:

- Ocala Campus—Mathematics Lab
  - Building 7, Room 106 (drop in only)
  - Monday—Thursday from 9:00 a.m. to 6:00 p.m. (check sign on door for any Friday times)
- Ocala Campus-Learning Support Center
  - Building 3, Room101 (appointment only)
  - 352-854-2322 ext. 1246
- Smarthink Tutoring Online
  - Available through Canvas and as a "Question Help" option on Pearson HW assignments

****Citrus and Levy have on-campus tutoring available as well****

Do You Need 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 **Chapter 9 HW** on Pearson My Math Lab.

Early Support Program (ESP)

The College of Central Florida is committed to helping you succeed and achieve your academic, personal and career goals. One of the ways we can accomplish this goal with you is through an Early Support Program. Our philosophy, based on extensive research and practice, is that 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. Therefore, you may be contacted by your First Year Success Specialist, program Advisor and/or other resources on our campus if there is a time during the semester I feel it would be beneficial to your continued success. I am always your first point of contact for any concerns that affect your success or with course content, so I encourage you to come to me to discuss those issues. Also, be assured that I will first communicate any concerns I have with you and will then connect you with the other areas on our campus to help develop a network of support for you.

Technology Requirements

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, 8:00 a.m.-4:30 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.

Library Resources

The CF Libraries are here to help with your research and information needs. Search the library catalog (library.cf.edu), or contact the Ocala campus library (library@cf.edu, 352-854-2322 x1345) or the Citrus campus library (citruslb@cf.edu, 352-249-1205) with questions. Learn more about research help, online and database searching, and citing your sources by visiting the CF Virtual Library (cf.libguides.com) or by visiting the Ocala library (Building 3) or Citrus library (Building C2, Room 202) for one-on-one help. Course reserves: Course textbooks and/or supplemental course material may be on reserve at the Library. Please call to inquire. If the item you are looking for is not on reserve, ask your instructor if they are able to place a copy on reserve.

Correspondence

Please allow 24 hours for a response Monday morning through Friday afternoon and up to 48 hours for a response Friday evening through Sunday evening. Scheduled holidays may extend the response time.