

Course Syllabus

MGF 1106—LIBERAL ARTS MATH I

Instructor:	Steven Colquitt	Office:	Building 7 Room 202
Phone:	352-854-2322 Ext. 1224	Class Meets:	Mondays: 6 :00-8:45pm
E-mail	colquits@cf.edu	Office Hour:	Mondays: 5:00-6:00pm

TEXT: Thinking Mathematically 7th edition (ISBN-10: 0134683714 & ISBN-13: 9780134683713).

DESCRIPTION:

This course is designed to teach many skills including systematic counting, probability, statistics, geometry, set theory, and logic.

Diversity Statement - This class strives to be an inclusive community, learning from the many perspectives that come from having differing backgrounds and beliefs. As a community, we aim to be respectful to all. We reject all forms of prejudice and discrimination, including but not limited to those based on age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, and veteran status. Faculty and students are expected to commit to creating an environment that facilitates inquiry and self-expression, while also demonstrating diligence in understanding how others' viewpoints may be different from their own."

Equal Access/Equal Opportunity – College of Central Florida does not discriminate against any person on the basis of race, color, ethnicity, religion, gender, pregnancy, age, marital status, national origin, genetic information, sexual orientation, gender identity, veteran status or disability status in its programs, activities and employment. For inquiries regarding nondiscrimination policies contact Dr. Mary Ann Begley, Director of Diversity and Inclusion – Title IX Coordinator, Ocala Campus, Building 3, Room 117H, 3001 S.W. College Road, 352-291-4410, or equity@cf.edu. **CF Math Center Hours:** MTWH— 8:00AM-6:00PM, Fridays 8:00AM-3:30PM

Calculator: You may use calculators in class, however you may not use your calculator on your cell phone. You may not use any calculator that has internet access, wifi capabilities, or the ability to transfer information wirelessly.

Homework: Homework will be assigned for each section covered in 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 during class or visit with the instructor during office hours. Chapter tests and the final exam will include similar problems taken directly from the homework assignments.

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Tests: Attendance is required for each test. Make-up exams will be allowed only with documented justification for the absence. Extenuating and unusual circumstances will be evaluated by the instructor. The student is expected to provide the instructor with prior notice if there is a scheduling conflict related to health, employment, family issues, etc.

Grades: The final grade will be calculated based upon at least four chapter tests(50%), quizzes (10%), homework (20%) and the final exam(20%). Grades are calculated using the following grading procedure:

A 90- 100 %	B+ 87-89%	B 80- 86 %	
C+ 77- 79 %	C 70-76%	D 60-69 %	F 0- 59 %

Academic Integrity – Academic dishonesty (such as plagiarism or cheating) will not be tolerated and may result in disciplinary action under the Code of Student Conduct. Cases of academic dishonesty will be referred to a mandatory, two-hour Academic Integrity Seminar, which includes a fee (see the [Student Handbook](#)). Failure to attend the Academic Integrity Seminar will result in the assignment of a final course grade of “FF” on the student’s transcript, denoting course failure due to a violation of the college’s Academic Integrity policy. For a better understanding of academic integrity and ethical writing practices, please see [The Office of Research Integrity’s Guide to Ethical Writing](#) or the CF Library’s [Academic Integrity](#) guide.

Disability Services for Students with Disabilities – To ensure students have equal access to educational opportunities here at the College of Central Florida, students with medical, sensory, physical, psychological, and/or cognitive disability are encouraged to register with the Office of Disability Services and request an application. If eligible, Disability Services will help facilitate approved accommodations for you. Please do this as soon as possible, to ensure that such accommodations are implemented in a timely fashion for your academic success. The Office of Disability Services is located in Building 5-204, on the Ocala Campus. For more information visit the Disability Services webpage at [CF.edu/Access \(Links to an external site.\)](#), or email Dr. Henri Benlolo at benlolo@cf.edu.

Professional counseling services are available for all college students who are experiencing anxiety, depression, PTSD, stress; basically all psychological issues that could affect their school, job, relationships, or their home lives. Services are provided by Florida licensed mental health clinicians. This confidential resource is for all college students who want to achieve their endeavors. The Counseling Department is located in building 5, office 205B or office 205F. For more information about Counseling, you may call 352-854-2322 Ext. 1760 or Ext. 1286 or Ext. 1580

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Classroom Decorum: TURN OFF YOUR CELL PHONES. Disruptive behavior will not be tolerated. Disruptive students will be asked to leave the classroom. Continuous disruptive behavior will result in withdrawal from the course and disciplinary action under the Code of Student Conduct. (see Student Handbook)

Disclaimer: 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

Withdrawal: If you want to withdraw from this class, you must fill out the necessary forms and have them signed by the appropriate parties. If you just stop coming to class after the posted drop date, you may receive the grade of F.

Attendance Policy: Regular, punctual class attendance is the responsibility of every student who enrolls at the College of Central Florida; therefore, the institution is committed to enforcing the attendance policy in an effort to assist students in achieving their educational objectives. The documentation of student absences will begin the first day of class, regardless of when the student registers. When a student has a legitimate reason for being absent, the instructor has the option of permitting the student to make up work missed and may require an explanation for the absence. The college reserves the right to evaluate individual cases of nonattendance. See [Student Handbook](#), Policy Manual and Administrative Procedures.

Students should be alerted to the following:

- (1) Withdrawals do not count in the CF GPA, but may not be viewed favorably at the university level or for financial aid.
- (2) Withdrawals may negatively impact a student's financial aid eligibility.
- (3) A withdrawal counts as an attempt under the forgiveness/withdrawal policy and the course repeat policy.
- (4) There are increased costs to take the course on the third attempt (full cost of tuition, same as out-of-state rate).
- (5) There may be a reason a withdrawal request may be denied.

Please see the College's withdrawal procedures.

Access Services for Students with Disabilities: To ensure students have equal access to educational opportunities here at the College of Central Florida, students with a disability, serious medical condition, a learning or psychological disorder are encouraged to register with the Office of Access Services and request accommodations. If eligible, Access Services will help facilitate you receiving approved accommodations. Please do this as soon as possible, to ensure that such accommodations are implemented in a timely fashion for your academic success. The Office of Access Services is located in Building 5, the Bryant Student Union-204, on the Ocala Campus. For more information visit the Access Services webpage at <http://www.cf.edu/go/assistance/disability/index>, or email access@cf.edu or call 352-854-2322, ext. 1209 for further information.

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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 being registered in MyMathLab and working on the first homework assignments.

CF Student Assistance Program: The CF Student Assistance Program (SAP) is a confidential resource for assisting students who may have personal problems which could affect their school, work, or home lives. SAP provides early intervention and professional assessment and counseling to best meet the needs of the student. Services are free to all active CF students. The SAP is managed by BAY CARE LIFE MANAGEMENT, a health management organization. A student may call a toll free helpline during regular business hours Monday through Friday from 8:30 a.m. - 5:00 p.m. For crisis situations after hours, on weekends, or holidays a student may call the same number and the therapist on duty will be paged and will promptly respond to the call. For services a student may call the following toll free number: 1-800-878-5470. CF also has a counseling office where students may receive free confidential professional counseling by State licensed clinicians. For more information you may call 352-854-2322 ext. 1760 or visit the counseling office at the Bryant Student Union, room 204B, or email ballardm@cf.edu.

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.

This course uses Canvas to post course materials. Go to [MyCF \(mycf.cf.edu/ICS/\)](https://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.

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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](http://cf.libguides.com) (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.

WHEN SHOULD I REGISTER FOR THE NEXT SEMESTER?

- Registration is conducted by a process called **Priority Registration**. Those students who have earned hours may register ahead of those who have not earned hours or who have less earned hours.
- This process provides opportunities for those students who are closer to graduation to enroll in classes before students with fewer number of earned credit hours. This ensures that students have an opportunity to register for the courses they need to be able to graduate on time before the courses are filled.
- The enrollment process for the next semester begins **EARLY** in the current semester. It is important that you know your priority registration date and have your course choices planned out prior to that date.
- Priority registration is also available to those students made eligible through the Disability Services office.

If you are unsure of what courses to enroll in or how to use the online registration system, it is highly recommended that you schedule an appointment with your academic advisor **EARLY in the current semester.**

It is important that you register for the upcoming semester courses as soon as your **Priority Registration** date opens in order to get the CORRECT courses & scheduled times that you will need for your degree and major.

Spring (Jan. 9–May 4)

Classes Begin	Jan 09
Add/Drop Period	Jan 09-11
Late Day for Refund	Jan 13
Spring Break	Mar 12-19
Last Date to Withdraw with W	Mar 31
Classes End	Apr 30
Exam Week	May 1-4

MGF 1106 Homework Assignments

Textbook: Thinking Mathematically Monday Time Frame

Section	Date
Syllabus	01-09
1.1 Inductive & Deductive Reasoning	01-09
1.2 Estimation, Graphs, & Mathematical Models	01-09
Martin Luther King Holiday	01-16
1.3 Problem Solving	01-23
2.1 Basic Set Concepts	01-23

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2.2 Subsets	01-23
Chapter 1 Quiz is Due	01-27 @11:59pm
2.3 Venn Diagrams & Set Operations	01-30
2.4 Venn Diagrams & Set Operations w/3 Sets	01-30
2.5 Survey Problems	01-30
Chapter 2 Quiz is Due	02-03 @11:59pm
Chapter 1 & 2 Homework is Due	02-05@11:59pm
3.1 Statements, Negations, & Qualified Statements	02-06
3.2 Compound Statements & Connectives	02-06
Chapters 1 & 2 Test	02-06
3.3 Truth Tables: Negation, Conjunction, Disjunction	02-13
3.4 Truth Tables for the Conditional & the Biconditional	02-13
3.5 Equivalent Statements & Variations of Conditional Statements	02-13
3.6 Negations of Conditional Statements & De Morgan's Law	02-20
3.7 Arguments and Truth Tables	02-20
3.8 Arguments and Euler Diagrams	02-20
Chapter 3 Quiz is Due	02-24 @11:59pm
Chapter 3 Homework is Due	02-26 @11:59pm
9.1 Measuring Length; The Metric System	02-27
9.2 Measuring Area & Volume	02-27
Chapter 3 Test	02-27
9.3 Measuring Weight & Temperature	03-06
10.1 Points, Lines, Planes, & Angles	03-06
10.2 Triangles	03-06
Chapter 9 Quiz is Due	03-10 @11:59pm
Spring Break	03-12
10.3 Polygons, Perimeter, & Tessellations	03-20
10.4 Area & Circumference	03-20
10.5 Volume & Surface Area	03-20
Chapter 10 Quiz is Due	03-24 @11:59pm
Chapter 9 & 10 Homework is Due	03-26 @11:59pm
Chapters 9 & 10 Test	03-27
11.1 The Fundamental Counting Principle	03-27
11.2 Permutations	03-27
11.3 Combinations	04-03
11.4 Fundamentals of Probability	04-03
11.5 Probability with the Fundamental Counting Principle, Permutations, & Combinations	04-03
11.6 Events Involving Not & Or; Odds	04-10
11.7 Events Involving And; Conditional Probability	04-10
Chapter 11 Quiz is Due	04-14 @11:59pm
12.1 Sampling, Frequency Distributions, & Graphs	04-17
12.2 Measures of Central Tendency	04-17
Chapter 12 Quiz is Due	04-21 @11:59pm
Chapter 11 & 12 Homework is Due	04-23 @11:59pm
Chapter 11 & 12 Test	04-24
Final Exam	05-01

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Honorlock - Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You **DO NOT** need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install.

When you are ready to test, log into the LMS, go to your course, and click on your exam. Clicking **Launch Proctoring** will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

Good luck! Honorlock support is available 24/7/365. If you encounter any issues, you may contact us by live chat, phone (**844-243-2500**), and/or email (support@honorlock.com).

If you encounter issues within the LMS, you may contact Your School's Online Support Services team at their number.