

**MGF1107 Math for the Liberal Arts HYBRID**  
Course Syllabus

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This syllabus is a contract between the student and the instructor. By attending this course, the student agrees to and accepts the terms and conditions of this contract. It is the responsibility of the student to carefully read this syllabus/contract, and to adhere to all policies and procedures within.

**Description:**

MGF 1107. MATH FOR THE LIBERAL ARTS (3 credit hours)

Prerequisite: Minimum grade of C in [MAT 1033C](#) or [MAC 1105](#) or [MGF 1106](#) or [STA 2023](#) or appropriate score on an approved assessment. This course covers topics chosen from problem solving, numeration and mathematical systems, financial mathematics, voting techniques and apportionment, chaos theory, graphy theory, knot theory, tilings and polyhedra, game theory, number theory, connections to other disciplines, and other special topics in mathematics. Gordon Rule course. Minimum grade of C required if course is used to satisfy Gordon Rule and General Education Requirements.

**Required materials:**

1. Access to MyMathLab - available from the bookstore or online at <http://pearsonmylabandmastering.com>  
Note that this allows you to access an electronic copy of the text.
2. TI-83 or TI-84 graphing calculator (can be checked out from one of the campus math centers when required)



## **Class Policies**

### **Preparation:**

Please be prepared for each class meeting by completing any homework from previous sections and reading the upcoming section in the textbook.

### **Attendance:**

Class attendance is required beginning with the first class meeting. If you do not attend the first class meeting, you may be withdrawn from the class as a “no show”.

Attendance is required and attendance will be taken every day at the beginning of class. If the student is not present at that time, he/she will be marked absent. Being late to class or leaving early is a disruption to the class and is discourteous to the professor and the other students. You should be on time to each class, complete all assignments and remain in class for the entire time unless prior permission has been given by the instructor to leave early. Students are responsible for all class materials and any announcements made in class whether or not they are present. Regular attendance and class participation are significant factors that promote success in this course. There will be no “excused” absences.

### **College Withdrawal Policy:**

Students may only withdraw themselves up until the withdrawal deadline (#####) for a grade of W. After that, instructors may only withdraw a student for excessive absences, therefore; students who do not withdraw themselves prior to the withdrawal deadline will be assigned whatever grade was earned for the course as their final grade.

### **Evaluation**

Your grade for this course will be determined by grades on:

In class Quizzes	10 * 20 = 200 points
Homework in MyMathLab	100 points
Finance Project	100 points
<b>Total:</b>	<b>400 points</b>

### **In Class Quizzes:**

Unannounced quizzes will be given periodically during the semester. Each quiz will be worth 20 points and the best 10 scores will count towards 200 points of your final score at the end of the class.

### **Homework:**

There is an online homework assignment for each section covered in this course.

### **Finance Project:**

There will be a finance project that you will work on throughout the semester. The project will involve completing a questionnaire (20 points), solving a problem (30 points), and taking a quiz (50 points). The quiz will be administered during the final exam period (TBA).

### **Grades:**

360 - 400 points = A;	320 - 359 points = B;	280 - 319 points = C;
240 - 279 points = D;	0 - 239 points = F	

### **Make-ups/Extensions/Extra Credit:**

**Quizzes:** Extensions on quizzes are only given for jury duty or military service (extension must be arranged at least 48 hours prior to due date). Extensions on due dates will not be granted for any other reasons. NO make-up quizzes will be given. Only the highest 10 quiz grades will be used to calculate your grade. If you miss a quiz, then that quiz will be scored as a zero.

**Homework:** There will be a homework make up day scheduled on #####. You will be allowed to make up all homework on this day with no penalty. There are no extensions on homework due dates.

**Finance Project:** Extensions on the finance project are only given for jury duty or military service (extension must be arranged 48 hours prior to due date). Extensions on due dates will not be granted for any other reasons. NO make-ups will be given. Not taking the finance quiz during the final exam period will result in a grade of 0 for the finance quiz.

**Extra Credit:** There is none.

### **Getting Started in MyMathLab**

Step 1: Go to <http://pearsonmylabandmastering.com>

Step 2: Click **Student** under Register

Step 3: Enter the course ID **ferrer#####** and click **Continue**

Step 4: If you have used MyMathLab before and have a Pearson account enter your username and password and click **Sign In**. If you don't have a Pearson account, click **Create an account**.

Step 5: Register by selecting one of the following options

Select **Use an access Code** if you have already purchased an access code.

Select **Use a Credit Card or PayPal** if you are buying the access code now.

Select **Get Temporary Access without payment for 17 days** if you want to start now and pay later.

Step 6: Complete your account set up by entering the name you are registered with at Valencia College and ATLAS email address, a username and password, and any other required information.

Step 7: Click **Create Account**. You now have a Pearson account.

### **Classroom Behavior:**

Valencia College is dedicated to promoting honorable personal and social conduct. By enrolling at Valencia, a student assumes the responsibility for knowing and abiding by the rules articulated in the Student Code of Conduct. The instructor reserves the right to refer students who engage in activities that are disruptive to the learning environment to the Dean of Students for disciplinary action.

The following list, though not exhaustive, includes things that are disruptive to the learning environment:

Use of any electronic devices including but not restricted to: **cell phones**, iPods, and laptop computers (documentation from OSD will be taken into consideration)

Preparing homework for other courses during class.

Engaging in private conversations with classmates while class is in session.

Excessive tardiness.

Leaving and re-entering the classroom while the class is in session.

### **Disclaimer:**

This syllabus is subject to changes upon the instructor's discretion.

**Tutoring:**

1. Visit me or email me.
2. Walk-by tutoring is given to students in building 4 - first floor.
3. Online Tutoring through the Smart Thinking link in Atlas
4. Watch videos available at <http://valenciacollege.edu/math/livescribe.cfm>

**Valencia Student Core Competencies:**

Valencia faculty have defined four interrelating competencies (**Think, Value, Communicate, Act**) that prepare students to succeed in the world community. These competencies are outlined in the College Catalog. In this course, through classroom lecture and discussion, group work, and other learning activities, you will further your mastery of those core competencies.

**Valencia I.D. Cards:**

Students must have their Valencia ID card for testing purposes.

**Students with Disabilities:**

Students with disabilities who qualify for academic accommodations must provide a Notification to Instructor (NTI) form from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

East Campus Bldg. 5, Rm. 216 Ph: 407-582-2229 Fax: 407-582-8908 TTY: 407-582-1222 West Campus SSB, Rm. 102 Ph: 407-582-1523 Fax: 407-582-1326 TTY: 407-582-1222 Osceola Campus Bldg. 1, Rm. 140A Ph: 407-582-4167 Fax: 407-582-4804 TTY: 407-582-1222 Winter Park Campus Bldg. 1, Rm. 212 Ph: 407-582-6887 Fax: 407-582-6841 TTY: 407-582-1222

**Student Code of Conduct link**

<http://valenciacollege.edu/generalcounsel/policy/documents/Volume8/8-03-Student-Code-of-Conduct.pdf>

**Academic Honesty Link:**

<http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf>

**STUDENT FEEDBACK ON INSTRUCTION:**

Near the end of the term, students will receive an invitation through their Valencia ATLAS email account asking them to complete the Student Feedback on Instruction (SFI). This survey provides Valencia College professors with feedback on students' experiences in courses and helps them to continually improve their courses. The results are released only *after* grades are submitted and students' names are *not* included in the results - all responses will be anonymous.

**STUDENT ASSISTANCE PROGRAM:**

Valencia College has contracted with a private and confidential counseling service (**Bay Care Behavioral Health Student Assistance Program (SAP)**) to provide FREE short-term assistance to students who need to resolve problems that are affecting their college performance. Examples might include: stress, relationship/family issues, alcohol/drug problems, eating disorders, depression, and gender issues. Students who are experiencing any of these issues and who are enrolled in credit classes at Valencia should call the toll-free number 1-800-878-5470 to speak to a professional counselor. If needed, the counselor may refer the student to appropriate resources or to speak face-to-face with a licensed counselor. For more information, call or visit a Counselor in Student Services on any campus.

**FERPA (Family Educational Rights and Privacy Act)**

FERPA is a Federal law that is administered by the Family Policy Compliance Office (Office) in the U.S. Department of Education (Department). 20 U.S.C. § 1232g; 34 CFR Part 99. FERPA affords students

certain rights with respect to their educational records. Valencia College has a firm commitment to protecting the privacy rights of its students. For further information on FERPA see:  
<http://valenciacollege.edu/ferpa/default.cfm#whatis>

## **TITLE IX**

Valencia College strives to be a place free from all forms of discrimination. Title IX protects students from discrimination based upon sex including protections against sexual violence, domestic violence, and stalking. This also includes protections for students who are pregnant or may become pregnant. If you experience sexual violence, domestic violence or stalking and would like assistance there are several options available to you. Valencia partners with the Victim Service Center of Central Florida which is a confidential resource available 24/7. They can be reached by calling 407-497-6701. If you would like assistance on campus, you can go to [valenciacollege.edu/eo](http://valenciacollege.edu/eo) or contact Valencia College's Title IX and Equal Opportunity Officer, Ryan Kane, by emailing [rkane8@valenciacollege.edu](mailto:rkane8@valenciacollege.edu). If you would like to report to law enforcement, you may visit Campus Security or call 911.

Please note that there are no confidential resources on campus. As your professor, I am required to report any information mentioned in this statement to the appropriate campus resources. This will include your name, and detailed information shared with me. We take privacy very seriously at the College and only those who have a legitimate need to know the information will be provided with this information.

If you have more questions about Title IX or the College's response, please visit [valenciacollege.edu/eo](http://valenciacollege.edu/eo).

## **Course Outcomes:**

This course will enable a student to:

1. Demonstrate an understanding of mathematical topics beyond algebra: sets, logic, probability, counting methods, geometry and statistics.
2. Implement the fundamental methods of each topic in various applications of mathematics.
3. Recognize the historical development of mathematical ideas and concepts.

## **Pearson Privacy Policy**

<https://register.pearsoncmg.com/w3c/privacy.htm>

## **You Tube Privacy Policy**

[https://www.youtube.com/static?template=privacy\\_guidelines](https://www.youtube.com/static?template=privacy_guidelines)