MGF 1106 – Liberal Arts Mathematics I ONLINE Spring Full Term, 2024

Carrier Course Syllabus

Course Description

Prerequisite: Minimum grade of C in MAT 0018C or higher. Topics include systematic counting, probability, statistics, geometry, sets, logic, and the history of mathematics. Gordon Rule course. Minimum grade of C required if MGF 1106 is used to satisfy Gordon Rule and general education requirements. This course is not a prerequisite for any other mathematics course. Credit may not be given for both MGF 1106 and MGF 2106 not for MGF 1106 and MGF 2202. 3 credit hours

Instructor Information

Name:	Melissa Giblin Carrier	
Office Phone:	LINE app (see below and in Canvas).	
E-mail address:	mgiblin@valenciacollege.edu (or Atlas) OR through Canvas (preferred)	
Student Engagement Hours:	Sun	8 – 9 pm (email)
West Campus	Mon	2:15 pm – 5:15 pm
Building 4 – 218	Tue	1 – 3 pm
	Wed	12 – 2 pm (email)
	Thur	1 – 3 pm

While no hours are scheduled on zoom, it will be considered on a case-by-case basis and dependent upon availability.

LINE app for communication

- This will be a group chat with the entire class which allows for a quicker response time, typically.
- Download the LINE app.
- Complete the Sign-Up process. ***Please use your first and last name that is listed in Atlas.***
- Click the icon, then the icon, then the icon.
- Use your camera to scan this QR code:

General Course Structure/Time Expectation:

- You must be aware of ALL course policies and will be held responsible for knowing them.
- This class is taught online using a required text and instructional materials. You will be required to go through daily self-paced readings, review section notes, and/or watch section videos. All homework, chapter tests, and exams will be completed online.
- I expect that each of you will be working through material in this course multiple times per week.
- **Not having enough time to complete an assignment that you had an entire week to work on and did not begin until a few days before it is due, will not be a valid excuse for an extension on the assignment.**
- A timeline for the semester is located at the end of this syllabus. I strongly suggest you keep this out and follow the day to day guidelines.
- The rule of thumb is that for every hour spent "in-class," students should spend about 2 hours outside of class working on course material. For a 3-credit hour course, such as this, that means you should be spending 6 hours on this course outside of class. Since this is an online course and there are no "in-class" sessions, we can add the 3 hours that would have been class meeting times to those 6 hours. That means **I can expect you to be spending 9 hours a week on this course!** This number may be high or low for some of you, depending upon your mathematical background.

Required Materials

Standalone Access Card (e-text with online course support with Pearson's MyLab & Mastering):

MyLab Math New Design with e-text for A Survey of Mathematics with Applications for Valencia College.

The textbook the access card will link to is A Survey of Mathematics with Applications by Angel, Abbot, & Runde, 11th edition. Since you are able to view the entire e-text by purchasing the access card, you are not required to buy the physical book.

If you are repeating this class, took MGF 1107 or WILL take MGF 1107 please read all options/notes carefully.

Purchasing options are as follows (further directions are provided on the last page of the orientation module):

- Purchase DIRECT access to Pearson's MyLab and Mastering when registering for it using a credit card. You will be given 2 options when paying this way.
  - Option 1 is cheaper and is a 1 semester access code to the course (if you do not pass the class you will have to buy the code again when repeating it.)
  - Option 2 is more expensive and is a 2 year access code to the course (if you need to repeat the class, if you do so within 2 years, you will not need to buy a new code).
- Purchase a DIGITAL Pearson MyLab & Mastering Student Access Card from the online Valencia Bookstore. Please watch the video for more instructions (https://www.valenciabookstores.com/buy_textbooks.asp).
  - The bookstore sells the 2 year access code (see above).
- You MAY NOT need to purchase access to MyLab if you fall under these scenarios:
  - You are repeating this class within the last year and your previous class used the same textbook as stated above, and you previously purchased the 2-year code.
  - You have already taken MGF 1107 within the last year and that class used the same textbook as stated above, and you previously purchased the 2-year code.

  In that case, register for MyLab using your previous login information. If you are NOT prompted to pay/enter in an access code, then you will NOT need to purchase access again.

NOTE – If you know you will be taking MGF 1107 after this class and take it with an instructor who uses the same book, then you should purchase the 2-year code to save yourself some money!

NOTE - Everyone can access MyLab & Mastering for FREE for 14 days. So, register for MyLab and Mastering and accept the 14-day trial so you can complete your required assignment for the week (directions on last page of Orientation module).

Computer/Equipment Requirements

- All students must have access to a reliable Internet Connection, Canvas, and MyLab and Mastering.
- Lack of access to technology or computer problems will not be considered valid excuses for missed assignments.
- **MyLab & Mastering assignments cannot be completed on mobile devices. You will need to have access to a computer.**
- Students should demonstrate competence in the following areas:
  - basic navigation in canvas and MyLab & Mastering to stay on top of deadlines
  - using MyLab & Mastering to complete homework, tests, and exams.

Calculator

You will need access to a scientific or graphing calculator for this course. For a scientific calculator I recommend the TI-30X IIS (cheaper option), for a graphing calculator I recommend TI-84 (if you have one use it, otherwise the scientific one is fine). There are other calculators that will work for the class, so please don't hesitate to email me to know if another calculator that you already have will work.

Communication Plan

- I will try to answer e-mails within 24 hours during the school week. Weekend response times may vary, but should be between 24-48 hours.
- In the same respect, I will expect you to respond or read your emails within 24-48 hours of receiving it. You should be checking your Canvas and Atlas account for emails, announcements, etc… on a daily basis.

Distance Tutoring & Technology Support at Valencia

- You can easily access Valencia's *free* distance tutoring and tech support from a computer, laptop or mobile device.
- Distance tutoring services are provided fully online via Zoom. Through this service, you will receive real-time assistance via a Valencia tutor. Online tutoring is offered in: mathematics, sciences, accounting & economics, computer programming, EAP and foreign languages, and writing.
- Online Learning Technology Support services are also available. Students can receive assistance with navigating: Canvas, OneDrive, Zoom, YouTube, and Microsoft Office (Word, Excel, & PowerPoint). Support is also provided for video editing (via iMovie and MovieMaker) and converting documents from a Mac to PC. Tech support is available live (on-demand) via Zoom, by appointment, or via email. Students are encouraged to use the 24/7 Canvas Help located inside Canvas by clicking on the "Help" icon.
- Through this site, you can view the schedule of tutors/tech support assistants, find available times, learn more about the services, and access a collection of supplemental resources that are available 24/7. (This information has also been provided on the homepage here in Canvas for quick access.)
- To get started visit the Distance Tutoring and Learning Technology Support services page.
- If tutoring assistance outside of the hours provided by Valencia's tutoring team is needed, you can access additional tutoring services through Brainfuse.

Technology Technical Problems

- **For MyLab & Mastering technical support: (for online homework, tests, and exams)**: Go to the course homepage in Canvas. Contact Information for MyLab & Mastering help is provided there.
- **For Canvas technical support:** Go to the login page for Canvas. Under login input, select "Help." In addition, you can also contact support at onlinehelp@valenciacollege.edu with your username and detailed description of the issue. Additionally, 24/7 support for Canvas is available by phone at 407-582-5600.

Student Accommodations

Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with me, as soon as possible (preferably during the first two weeks of class). The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities. No accommodations can be made until I have received the proper paperwork.

Baycare Student Assistance Services

Valencia College strives to ensure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. BayCare Behavioral Health Student Assistance Program (SAP) (link provided in Canvas) services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470. If needed, the counselor may refer the student to appropriate resources or to speak face-to-face with a licensed counselor.

Academic Honesty

All forms of academic dishonesty are prohibited at Valencia College. Academic dishonesty includes, but is not limited to, acts or attempted acts of plagiarism, cheating, furnishing false information, forgery, alteration or misuse of documents, misconduct during a testing situation, facilitating academic dishonesty, and misuse of identification with intent to defraud or deceive.

If a faculty member concludes a student in their class has violated this policy, the faculty member can choose to assign academic penalties that include, without limitation, one or more of the following: loss of credit for the assessment (assignment, examination, project, paper, etc.); a reduction in the course final grade; a grade of "F" as the final grade in the course. The faculty member may also refer the violation for action in accordance with Policy 6Hx28:8-03, Student Code of Conduct.

Conduct

Valencia is dedicated not only to the advancement of knowledge and learning but also to the development of responsible personal and social conduct. As a registered student, you assume the responsibility for conducting yourself in a manner that contributes positively to Valencia's learning community and does not impair, interfere with, or obstruct the orderly conduct, processes, and functions of the college as described in the Student Code of Conduct.

Illness Concerns

- If you are unable to participate in the course due to illness, family emergency, etc., please communicate with me as soon as possible to create a plan to complete any missed assignments so that your learning can progress in your course.
- In the case of a prolonged online absence, please communicate with me as soon as possible to create a plan for the best course of action.

Withdrawal

- Per Valencia Policy 4-07, a student in an online course that does NOT complete a required assignment during the first week of class can be dropped from the course by the instructor. (No-show policy)
- Per Valencia Policy 4-07, a student who withdraws from class before the withdrawal deadline of March 15th for full term classes will receive a grade of "W." A student is not permitted to withdraw after the withdrawal deadline.
- Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F."

Valencia Core Competencies

Valencia Community College wants graduates to possess and demonstrate a set of global competencies including the ability to think, communicate, value, and act. In an effort to help you acquire and improve your ability to demonstrate the competencies this course will include activities that require you to:

1. Think clearly, critically and creatively.
2. Communicate with others in written and verbal form.
3. Make reasoned value judgments and responsible commitments.
4. Act purposefully, reflectively and responsibly.

Changes in the syllabus, schedule, and/or assignments for this class may be made at the discretion of your instructor.

GRADING COMPONENTS

This is how your grade is earned….read carefully!

For your current average, always refer to Canvas. (Do NOT use the average given in MyLab & Mastering.)

Assignment Type	Percent
Homework • Completion of homework on a regular basis is crucial to your success in this course. • You will have one graded introduction discussion post in Canvas, followed by a response to at least two classmates. All other homework will be completed in MyLab & Mastering. • Homework is due weekly on Saturday night at 11:59 pm. Due dates are outlined on the course calendar as well as within the individual modules, and next to the assignments in MyLab & Mastering. • All MyLab & Mastering homework questions can be repeated until 100% full credit has been obtained with the exception of the Syllabus Assignment. You get 2 attempts at each problem for that assignment. • After a deadline has passed you will still be able to work on your homework, but the grade will not increase. • BONUS INCENTIVE – if all section homework for a chapter is completed at a 90% (or better) you will earn 5 bonus points on your chapter test!	40%
Partial Chapter Quizzes • Two chapter quizzes will be completed for each unit – part I and part II. Part I will be on material covered during the first week and part II will be on material covered for the second week. • All chapter quizzes will be due weekly on Sunday nights at 11:59 pm. Due dates are outlined on the course calendar as well as within the individual modules, and next to the assignments in MyLab & Mastering. • You have 1 hour per attempt at the quiz, and unlimited attempts to earn the highest grade possible. The highest score counts, regardless of which attempt it was on. • There is no additional work that must be done before taking additional attempts at a quiz. • Chapter quizzes will remain available all semester for your review and practice. However, like the homework, after a deadline has passed you will still be able to work on the assignments, but the grade will not increase.	15%
Chapter Tests • A chapter test will be completed for each unit (Chapter 11 is broken up into 2 units). • All chapter tests will be due bi-weekly on Sunday nights at 11:59 pm. Due dates are outlined on the course calendar as well as within the individual modules, and next to the assignments in MyLab & Mastering. • You have 1.5 hours and one attempt at a chapter test. • BONUS REMINDER – if all section homework for a chapter is completed at a 90% (or better) you will earn 5 bonus points on your chapter test!	30%
Final Exam • There is a cumulative final exam given during final exam week.* • You are allowed one attempt, and 2 hours to take the test. • Failure to complete the final exam will result in failure of the course. *More detailed test information (including date availability) can be found in Canvas regarding this exam.	15%

Final Grade Determination Scale

A: 90% - 100%
B: 80% - 89%
C: 70% - 79%
D: 60% - 69%
F: 0% - 59%

Calendar of Activities

I have suggested you complete many assignments before the due date. This course relies on technology, and problems can occur. Late work is not accepted so, if assignments are completed a head of time, last minute issues should not arise. Also note, I have you working Mon-Fri, but adjust the daily activities as needed to fit your schedule and holidays, to make sure you can get the assignments done by the deadline (which is NOT flexible).

	Date	Task to Work On	Assignment Due
WEEK 1 Mon	**1/8**	Read through the Canvas Orientation Information & Assignments Module ○ Read through each page in the module. ○ Print the Course Syllabus.	
Tue	**1/9**	Work on Required First Week Assignments to Stay in the Course ○ Complete Canvas Introduction Discussion Post ○ Register for MyLab & Mastering from WITHIN Canvas.	
Wed	**1/10**	○ Complete the homework "Syllabus Assignment – Spring 2024" in MyLab & Mastering.*	
Thur	**1/11**	In Canvas, make sure you have responded to at LEAST TWO (2) classmates' introduction posts.	
Fri	**1/12**		
Sat	**1/13**	**HOMEWORK ASSIGNMENTS DUE TODAY** ○ **Canvas Introductory Post** ○ **Canvas Introductory Reponses to 2 classmates.** ○ **Syllabus Assignment HW*** ***This assignment is required to be completed to stay in the class.***	**See the column to the left**
Sun	**1/14**		
WEEK 2 Mon	**1/15**	***Martin Luther King, Jr Day – No Classes***	
Tue	**1/16**	**Begin Chapter 2** 2.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**1/17**	2.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyMathLab HW	
Thur	**1/18**	2.3 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Fri	**1/19**	Ch 2 part I Quiz – Unlimited Attempts	
Sat	**1/20**		**HW: 2.1, 2.2, 2.3**
Sun	**1/21**		**Quiz: Ch 2 part I**
WEEK 3 Mon	**1/22**	2.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**1/23**	2.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**1/24**	2.5 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**1/25**	Ch 2 part II Quiz – Unlimited Attempts	
Fri	**1/26**	Ch 2 test – One Attempt	
Sat	**1/27**		**HW: 2.4, 2.5**

Sun	**1/28**		**Quiz: Ch 2 part II** **Test: Ch 2 – Set Theory**
WEEK 4 Mon	**1/29**	**Begin Chapter 3** 3.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**1/30**	3.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**1/31**	3.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**2/1**	3.3 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Fri	**2/2**	Ch 3 part I Quiz – Unlimited Attempts	
Sat	**2/3**		**HW: 3.1, 3.2, 3.3**
Sun	**2/4**		**Quiz: Ch 3 part I**
WEEK 5 Mon	**2/5**	3.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**2/6**	3.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**2/7**	3.5 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**2/8**	Ch 3 part II Quiz – Unlimited Attempts	
Fri	**2/9**	Ch 3 Test – One Attempt	
Sat	**2/10**		**HW: 3.4, 3.5**
Sun	**2/11**		**Quiz: Ch 3 part II** **Test: Ch 3 - Logic**
WEEK 6 Mon	**2/12**	**Begin Chapter 8** 8.0 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**2/13**	8.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**2/14**	8.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**2/15**	8.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Fri	**2/16**	Ch 8 part I Quiz – Unlimited Attempts	
Sat	**2/17**		**HW: 8.0, 8.1, 8.2**
Sun	**2/18**		**Quiz: Ch 8 part I**
WEEK 7 Mon	**2/19**	8.3 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**2/20**	8.3 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**2/21**	8.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**2/22**	Ch 8 part II Quiz – Unlimited Attempts	
Fri	**2/23**	Ch 8 Test – One attempt	
Sat	**2/24**		**HW: 8.3, 8.4**
Sun	**2/25**		**Quiz: Ch 8 part II** **Test: Ch 8 - Geometry**

WEEK 8 Mon	**2/26**	**Begin Chapter 11A** 11.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**2/27**	11.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**2/28**	11.5 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**2/29**	11.5 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Fri	**3/1**	Ch 11A part I Quiz – Unlimited Attempts	
Sat	**3/2**		**HW: 11.1, 11.5**
Sun	**3/3**		**Quiz: Ch 11A part I**
WEEK 9 Mon	**3/4**	11.6 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**3/5**	11.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**3/6**	11.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**3/7**	Ch 11A part II Quiz – Unlimited Attempts	
Fri	**3/8**	Ch 11A Test – One Attempt	
Sat	**3/9**		**HW: 11.6, 11.2**
Sun	**3/10**		**Quiz: Ch 11A part II** **Test: Ch 11A – Probability & Odds**
WEEK 10 Mon	**3/11**	**Begin Chapter 11B** 11.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**3/12**	11.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**3/13**	11.7 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**3/14**	11.7 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Fri	**3/15**	Ch 11B part I Quiz – Unlimited Attempts	**Withdrawal Deadline**
Sat	**3/16**		**HW: 11.4, 11.7**
Sun	**3/17**		**Quiz: Ch 11B part I**
WEEK 11 Mon	**3/18**	***Spring Break – No Classes*** *The course material will still be available to you, so you CAN work ahead and finish Ch 11B if desired, then take a break from this class!*	
Tue	**3/19**		
Wed	**3/20**		
Thur	**3/21**		
Fri	**3/22**		
Sat	**3/23**		
Sun	**3/24**		
WEEK 12 Mon	**3/25**	11.8 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**3/26**	11.8 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	

Wed	**3/27**	11.9 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**3/28**	Ch 11B part II Quiz – Unlimited Attempts	
Fri	**3/29**	Ch 11B Test – One Attempt	
Sat	**3/30**		**HW: 11.8, 11.9**
Sun	**3/31**		**Quiz: Ch 11B part II** **Test: Ch 11B – Counting Methods with Probability**
WEEK 13 Mon	**4/1**	**Begin Chapter 12** 12.1 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**4/2**	12.2 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Wed	**4/3**	12.3 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Thur	**4/4**	12.3 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Fri	**4/5**	Ch 12 part I Quiz – Unlimited Attempts	
Sat	**4/6**		**HW: 12.1, 12.2, 12.3**
Sun	**4/7**		**Quiz: Ch 12 part I**
WEEK 14 Mon	**4/8**	12.4 a) Material Review of Textbook/Notes/Videos/Presentations b) Complete MyLab & Mastering HW	
Tue	**4/9**	12.4 a) Material Review of Carrier Notes in Canvas (the other resources, while available go much more in depth than I expect). b) Complete MyLab & Mastering HW	
Wed	**4/10**	12.5 a) Material Review of Carrier Notes in Canvas (the other resources, while available go much more in depth than I expect). b) Complete MyLab & Mastering HW	
Thur	**4/11**	Chapter 12 part II Quiz – Unlimited Attempts	
Fri	**4/12**	Ch 12 Test – One Attempt	
Sat	**4/13**		**HW: 12.4, 12.5**
Sun	**4/14**		**Quiz: Ch 12 part II** **Test: Ch 12 - Statistics**
WEEK 15 Mon	**4/15**	Begin Final Exam Review – Ch 2 questions	
Tue	**4/16**	Continue Final Exam Review – Ch 3 questions	
Wed	**4/17**	Continue Final Exam Review – Ch 8 questions	
Thur	**4/18**	Continue Final Exam Review – Ch 11 questions	
Fri	**4/19**	Complete Final Exam Review – Ch 12 questions	
Sat	**4/20**		
Sun	**4/21**		
WEEK 16 Mon	**4/22**	Overall review (skip around and redo questions on the final exam review)	
Tue	**4/23**	FINAL EXAM Attempt #1 (and only attempt)	**Final Exam Available**
Wed	**4/24**		
Thur	**4/25**		**Final Exam Due**