

MGF1106 College Mathematics CRN 14462
Fall 2018
Valencia College West Campus

Credit hours: 3

Class times: *College Mathematics course meets Monday and Wednesday 10:00 am – 11:15 am in building 1 room 148.*

INSTRUCTOR INFORMATION:

Name: Ivan Hristov

Email: ihristov@valenciacollege.edu

Office: 5-132 (West Campus)

Phone: (407) 582-2492

Student Engagement/Office hours – These are the times I am available to help you.	
Monday	11:25 am-12:55 pm in my office 5-132 2:25 pm-3:25 pm in my office 5-132 8:00 pm-9:00 pm ONLINE (email at ihristov@valenciacollege.edu)
Tuesday	7:25 am -8:25 am in my office 5-132
Wednesday	7:25 am -8:25 am in my office 5-132 11:25 am-12:55 pm in my office 5-132 8:00 pm-9:00 pm ONLINE (email at ihristov@valenciacollege.edu)
Thursday	7:00 am-8:00 am ONLINE (email at ihristov@valenciacollege.edu)
Friday	7:00 am-10:00 am ONLINE (email at ihristov@valenciacollege.edu)

You can always email me via Canvas as well.

IMPORTANT DATES:

Term Starts: 08/27/18

Class Ends: 12/10/18

Withdrawal for a “W” Grade: 11/9/18

Classes do not meet (no labs or testing center available): 09/03/18, 10/11/18 and 11/21-11/25/18.

Final Examination: Monday, 12/10/18 from 10:00 am to 12:30 pm in in building 1 room 148

This syllabus is a contract between the student and the instructor. By enrolling in and then 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 in its entirety and to adhere to all policies and procedures within the syllabus.

COURSE DESCRIPTION:

COLLEGE MATHEMATICS Prerequisite: Minimum grade of C in MAT 0018C or higher or appropriate score on an approved assessment. 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. .

TEXT AND REQUIRED SUPPLIES:

Required Materials:

ACCESS TO Pearson MyMathlab: Full access to **MyMathlab** must be purchased. The West Campus bookstore has access codes for sale. You can also purchase access directly from **MyMathlab**. When you buy the code you also get the online version of the book too.

Optional TEXT

***A survey of mathematics*, 10th Edition** by Angel

A TI-83/84 plus graphing calculator is required for this course. We will be using a TI-83/84 plus for classroom demonstration. Students are not allowed to borrow or “share” calculators during any in-class examination.

Other TI models and other manufactured brands are acceptable as well, but may not follow the same keystrokes. Mastery of calculator functions will be essential to your success.

Students are NOT permitted to use a calculator that performs symbolic manipulations (such as the TI-89 or TI-92) in this course.

A notebook is recommended to hold notes and assignments. Graph paper may be helpful as well as a straightedge for drawing lines.

COURSE OUTCOMES:

- Student can determine the validity of a logical argument.
- Student can use set relationships to solve applications.
- Student can find the probability of events.
- Student can use an appropriate statistical tool to solve an application.
- Student can recognize the historical development of mathematical ideas and concepts.
- Student can understand the concept of two-dimensional geometry and the use of points, lines, angles, and similar polygons to solve applications.
- Student can recognize the difference between linear distance, area, and volume measurements and can use appropriate geometric formulae to solve applications.
- Student can use an appropriate rule of counting to solve applications.

CORE COMPETENCIES OF A VALENCIA GRADUATE:

Valencia’s Student Core Competencies are complex abilities that are essential to lifelong success.

This course will help you to develop and demonstrate the abilities to:

- 1) THINK clearly, critically, and creatively;
- 2) COMMUNICATE with others verbally and in written form;
- 3) Make reasoned VALUE judgments and responsible commitments;
- 4) ACT purposefully, reflectively, and responsibly.

Due to the nature of these global competencies, many of the problems will be presented in the context of an application. These applications will require students to select appropriate information from the problem and communicate effectively in order to explain and/or describe how the student used the skills they are learning to arrive at an appropriate solution for the problem.

GRADING CALCULATION:

Your final grade will be calculated as follows:

MyMathLab Tests (5 Chapter Tests)	60%
MyMathLab Homework	20%
Projects	15%
Class Activity	5%

Grading scale

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

Homework

**Homework will be administered online using Pearson's MyMathlab.
Instructions how to register will be provided at the end of the syllabus.**

Tests

There will be five Chapter tests administered on MyMathlab.

ATTENDANCE/TARDINESS/WITHDRAWAL POLICY:

The instructor reserves the right to withdraw a student for more than **3 absences**. A student who withdraws from class before the withdrawal deadline of 11/09/18 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." 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. For a complete policy and procedure overview on Valencia Policy 4-07 please go to:

<http://valenciacollege.edu/generalcounsel/policydetail.cfm?RecordID=75>

MAKEUP POLICY FOR EXAMINATIONS AND ALL OTHER ASSIGNMENTS:

All tests must be taken on or before dates assigned. No makeup tests are available without explicit consent of instructor which will only be granted in case of documented extreme emergency. The final exam must be taken on the date published for final exams.

EXPECTED STUDENT CONDUCT:

Valencia College is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct.

By enrolling at Valencia College, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. The primary responsibility for managing the classroom environment rests with the faculty. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty to leave the class. Violation of any classroom or Valencia's rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook. <http://valenciacollege.edu/generalcounsel/policy/documents/8-03-NF-NN-Student-Code-of-Conduct.pdf>

CLASS POLICY:

- **Preparation:** Please be prepared for each class meeting by completing any homework from previous sections and reading the upcoming section(s) in the textbook.
- **Attendance:** Students are expected to attend every class, be punctual, and remain in class for the entire class time. The instructor reserves the right to withdraw a student for having more than three absences. Students are responsible for all work and any announcements presented when they are absent.
- **Class Participation:** Students are encouraged to participate actively and ask pertinent questions during class. Proper classroom etiquette and courteous behavior is expected at all times.
- **Personal Electronic Devices:** Please turn off or silence these devices before you come into class. Unplug yourself and make the most of class time! These devices disrupt your learning as well as the learning of other students. No headphones are to be worn during class time.

ACADEMIC HONESTY: All students are expected to be in compliance with Valencia College's policy on academic honesty as set forth in the admissions catalog and the student handbook. Providing information to another or receiving information concerning exam/test/quiz content is considered cheating and will not be tolerated. Should a student be found to be cheating, the instructor reserves the right to determine the appropriate penalties according to Valencia's policies, which, in most cases, will result in at least an "F" for the course. Note: Copying another's homework is cheating.

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

NSF Grant Addendum: I am continually exploring new possibilities that might enhance your learning experience in this course. Throughout the course, there will be five activities worth a small part of your grade. I am collaborating with other math professors at Valencia as well as researchers from the University of Virginia in this research project to improve student learning in our front door courses. These activities are designed to help us understand your attitudes in an effort to assist us on improving future classes for you and other students. This brief video will explain the study and its purpose <https://youtu.be/wv5ZawPf3gA>

Note to International Students (F-1 or J-1 Visa)

Please be advised that withdrawal from this course due to attendance may result in the termination of your visa status if you fall below the full-time enrollment requirement of 12 credit hours. Contact Valencia's [International Student Services](#) office for more information.

ADDITIONAL HELP: We want you all to succeed in this class. Please do not hesitate to ask for help. I do my best to maintain a timely turnaround on student emails, but please follow the communication protocol as indicated in Blackboard found under "Instructor's Info" Tab to help facilitate this process.

Office of Student Disability Statement: Any student who feels he/she has the need for special adaptations to the learning environment due to a disability is asked to schedule an appointment with the Office for Students with Disabilities, please visit the [Office of Student Disabilities Website](#). Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities to the professor, preferably during the first week of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

Tutoring: Math tutoring is available free of charge at each campus. For locations and times, please visit [Learning Support Website](#). Free online tutoring is also available through Smarthinking in Atlas.

VALENCIA'S MATH HELP 24/7:

Valencia Math professors have created pen-casts and videos of common lessons to help you learn the concepts being presented in class. This resource is located at: www.valenciacollege.edu/math/liveScribe.cfm Click on your course to view your lessons. Some lessons have more than one professor's perspective; watch more than one!

SMART THINKING (ONLINE TUTORING):

Smarthinking is a FREE online tutoring tool available to all of Valencia's students, and math tutors are available 24/7. Students can access Smarthinking through the Courses tab in Atlas.

Students have an eight hour limit of usage per semester, and therefore Smarthinking is best used as a back up to on-campus services and support, not as a replacement. There are Smarthinking phone applications for both iOS and Android devices.

<http://valenciacollege.edu/east/academicsuccess/onlineTutoring.cfm>

Computer/Equipment Use Policy

Use of computers in the classrooms and departmental open labs at Valencia is restricted to those activities designated by the instructor to enhance the class materials. Any other use is strictly forbidden. Inappropriate use includes, but is not limited to:

- Use of computer to send email or access internet sites not assigned in class,
- Use of computer for job, internship, or homework not assigned in class.
- Modifying any hardware or software system configuration or setting.
- Activities not in accordance with the Valencia Student Code of Conduct.

Computer use is remotely monitored; any student using computers inappropriately may be subject to dismissal from class or banishment from the lab. Subsequent offense may be sent to the campus administration for further disciplinary action.

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 or contact Valencia College's Title IX and Equal Opportunity Officer, Ryan Kane, by emailing 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.

WHAT TO DO IF YOU DO NOT UNDERSTAND OR NEED HELP:

- Review your notes. Rework the examples provided in class.
- Read the textbook. The text is well written and has many examples for you to follow.
- Contact your instructors.
- The West Campus Math Center is in building 7, room 240. It is open from 8:00 a.m. to 8:00 p.m. Monday through Thursday, 8:00 a.m. to 7:00 p.m. Friday, and from 11:00 a.m. to 4:00 p.m. Saturday and Sunday. There you will find Valencia math division staff, peer tutors, study rooms and other comfortable work areas for study group meetings, computer-based tools as available for your text, and support materials for checkout with your VCC identification card.
- Peer tutors in the Math Center are available for walk-in assistance, no appointment necessary. Peer tutors are available for individual appointments as scheduling and funding permit. Ask for details at the Welcome Desk in the Math Center. Tutors have been trained to use techniques that help you become an independent learner. They have been instructed to guide you through the problem solving process and utilize the materials you have available through your course. They may help you by asking open ended questions, walking you through examples in your text, or (hopefully on rare occasions) using pencil and paper to show you how to solve a problem similar to one you are working on. Since the tutors' goal is to help you become an independent learner, they will let you do the work as much as possible. The learning process requires a regular investment of your time, and patience is the key.

APPROXIMATE SCHEDULE: (may change due to pace of class)

Week	Date	Readings, Lessons, & Deadlines
1	08/27-09/02	Syllabus, Blackboard, Mymathlab, 2.1, 2.2
2	09/03-09/09	2.3
3	09/10-09/16	2.4, 2.5
4	09/17-09/23	Test 1 (Sets), 3.1
5	09/24-09/30	3.2, 3.3
6	10/01-10/07	3.4, 3.5
7	10/08-10/14	Test 2 (Logic), 8.1, 8.2
8	10/15-10/21	8.3, 8.4
9	10/22-10/28	Test 3 (Geometry) 12.1
10	10/29-11/04	12.2, 12.3
11	11/05-11/11	12.4, 12.5
12	11/12-11/18	Test 4 (Statistics) 11.1, 11.2
13	11/19-11/25	11.3, 11.4
14	11/26-12/02	11.5, 11.7
15	12/03-12/09	11.8, Test 5 (Probability)
16	12/10	Math History project presentations

Final Examination: Monday, 12/10/18 from 10:00 am to 12:30 pm in in building 1 room 148

DISCLAIMER:

Changes in the syllabus, schedule, evaluation procedures, and/or homework assignments may be made at any time at the discretion of the professor. If you are absent, it is **your** responsibility to find out what, if any, announcements or changes have been made.

MyMathlab Access

Enter Your Canvas Course:

1. Sign in to Canvas and enter your Canvas course.
2. Do one of the following:
 - Select any Pearson link from any module.
 - Select **the MyLab & Mastering** in the Course Navigation, and then select any course link on the Pearson page.

Get Access to Your Pearson Course Content:

1. Enter your Pearson account **username** and **password** to **Link Accounts**.
You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.
 - If you don't have a Pearson account, select **Create** and follow the instructions.
2. Select an access option:
 - Enter the access code that came with your textbook or was purchased separately from the bookstore.
 - Buy access using a credit card or PayPal account.
 - If available, get temporary access by selecting the link near the bottom of the page.
3. From the You're Done page, select **Go to My Courses**.

Note: We recommend you always enter your MyLab & Modified Mastering course through Canvas.

Get Your Computer Ready

For the best experience, check the system requirements for your product at:

<http://www.pearsonmylabandmastering.com/system-requirements/>

Need help?

For help with MyLab & Modified Mastering with Canvas, go to:

<http://help.pearsoncmg.com/mylabmastering/canvas/student/en/index.html>