Hybrid CRNs 15232 & 15233

**Instructor Information**

 Professor Jennifer (McCormick) Adams, B.S., M. Ed.

 **E-mail:**  jmccormick5@mail.valenciacollege.edu **Phone:** 407-582-2023

 **Faculty Front Door:** <http://frontdoor.valenciacollege.edu/?jmccormick5>

 **Office Hours:** 4-235 (or 4-216) (hours tbd)

 **Virtual Hours via email:**

 **Math Department office/phone:** 7-140 / 407-582-2451

**Required Materials:**

* MyMathLab Access Code (this is required for homework and contains an e-book)
* Calculator: A graphing or scientific calculator will be useful in this course to assist with decimal calculations and some numerical manipulations. A TI-83/84 (Plus) is recommended and is what your instructor will use for demonstrations. Other TI models and other manufactured brands are acceptable as well, but may not follow the same keystrokes.
* Pencils, Erasers, Notebook: Tests must be done in pencil. A notebook is recommended to hold notes and assignments.

**Optional Materials:**

* A Survey of Mathematics with Applications 9/e by Angel, Abbott, & Runde

**Course Description:** Credit Hours: 3

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.

**Course Outcomes:**

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

**Course Outline:** (A lesson schedule for the term can be found at the end of this document)

Chapter 2 Set Theory (2.1 – 2.5)

Chapter 3 Logic (3.1 – 3.6)

Chapter 9 Geometry (9.1 - 9.4)

Chapter 12 Counting Methods & Probability Theory (12.1-12.10)

Chapter 13 Statistics (13.1 – 13.6)

Study Skills (Time Management, Note Taking, Test Prep, Learning Styles, Using Resources, Goals)

**How our hybrid class will work:**

We will meet once a week for learning activities and homework questions. You will not receive a standard lecture in class. Before you come to class each week, read the assigned sections and watch the accompanying video lessons. can be found in our Blackboard

**Attendance:** Participation in class discussions plays a significant role in your success in this course. Students are responsible for all course material or announcements presented in class. Arriving late or leaving class early is disruptive to others and should be kept to a minimum. As a courtesy to others it is also necessary to turn off all cell phones and other electronic devices before entering the classroom. I do not withdraw students due to non-attendance. Withdrawal is your responsibility.

**Communication:** Other than face-to-face contact in the classroom, e-mail will be our primary form of communication. Important changes to assignments or test dates may conveyed through your atlas e-mail account, so, it is important that you check it on a regular basis. When emailing your professor, please include your name and class information so that I can respond efficiently.

**Grade Evaluation & Make-Up Policies:** Your grade in this class is determined based on the grades you earn on tests, projects, and homework. Your letter grade will be based on the standard 100 point percentage scale. You can access your current grades in the MyMathLab gradebook. It is important that you keep up with homework and attend all class meetings.

* **Chapter Tests (60%):** There will be no make-up tests. If you inform me that you will be unable to attend a test day PRIOR to that day, we can make arrangements for you to take your test in the testing center. However, if you miss a chapter test, or if any of your chapter test scores is lower than your final exam grade, the grade you earn on the final exam will replace your lowest test score. The best way to study for tests (after you’ve completed all the assigned homework!), is to practice more problems from the text book similar to those assigned.
* **Projects (20%):** There will be a (50 point) project for every chapter. Projects may be submitted as a hard copy in class, or an electronic copy through email. They may be submitted early, but late projects will be docked 1 point per calendar day after the due date. Attendance and participation are factored into this grade.
* **Homework (20%):** Completion of homework is crucial to student success in this course. Homework will be completed and graded using on the online program MyMathLab. You’ll need to purchase an access code and enter the course ID (specific to your CRN) when registering. At the end of this document you will find instructions for registering for the online homework.

There is a homework assignment for each section. After each class, you should spend a considerable amount of time practicing problems and working the homework assignments before you attend the next class period. All homework should be worked out on paper and kept as a reference. Failure to do so could affect your grade in this course.

* **Final Exam:** In lieu of a final exam, you will have the opportunity to retake 1 of your chapter tests. As long as your retake is 70% or higher, it will replace the score previously earned. This will not apply to zero scores awarded for cheating.
* **Study Skills:** Demonstrate mastery of each of the following study skills: If you complete the associated assignment for all of them, you will be granted a dropped a project.
	+ Note Taking
	+ Time Management
	+ Goal Setting
	+ Test Preparation
	+ Learning Styles
	+ Using Resources

**Academic Resources:**

 **Me, Mrs. Adams!** Come see me when you need something!

 **Campus Resources:** Valencia Community College provides access to many resources for extra help in your courses. The following resources are all housed in building 4 in the Academic Success Center.

* **General Tutoring Info Desk:** You can check out a calculator for 4 hours using your Valencia ID.
* **Testing Center:** You must bring your Valencia ID to take a test in the testing center. Beware that the testing center will not hand out a test within an hour of closing.
* **The Math Support Center** provides walk-in help to all math students. Tutors are available on a first-come, first-served basis. This is a great place to do your homework!

 **Online Resources:**

* Prof. Adams’ Faculty Website: <http://frontdoor.valenciacollege.edu/?jmccormick5>
* Online Homework: [www.pearsonmylab.com](http://www.pearsonmylab.com)
* SmartThinking online Tutoring
* Pearson Tutor Center: **1-800-877-3016** (5PM - 12AM EST, Sun-Thurs)
* Math Help 24/7: <http://valenciacollege.edu/math/liveScribe.cfm>

**Important Dates:**

 August 25 First day of classes

 September 1 College Closed, Labor Day

 October 9 College Closed, Learning Day

November 7 \*\*Withdrawal Deadline

November 26-30 College Closed, Thanksgiving Break

December 7 Last Day of Classes

 Final Exam

 December 16 Grades Available in Atlas

**Academic Honesty:** All students are expected to be in complete compliance with Valencia Community College’s policies on academic honesty (link). Students are responsible for submitting their own work. Students who cooperate on assessments without authorization share the responsibility for violation of academic principles and are subject to disciplinary action.

**Student Code of Conduct: (from catalog with link to it)**

**Withdrawal:** Withdrawal is YOUR responsibility. If you have any questions about whether you should withdraw or not, please come see me first! A Student who withdraws from class before the established deadline of March 22, 2013 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”. See college policy: 4-07 for additional details.

**Students with Disabilities:** Students with disabilities who qualify for academic accommodations must provide notification from the Office for Students with Disabilities (OSD 5-216) and discuss specific needs with me the first week of class.

**Valencia 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. Additional information is available in the College Catalog ([http://valenciacc.edu/catalog/04-05/default.htm on page 14](http://valenciacc.edu/catalog/04-05/default.htm%20on%20page%2014))

**Student Feedback on Instruction (SFI):** Near the end of the term, you will receive an invitation through your Valencia email account asking you to complete the Student Feedback on Instruction (SFI). This is a survey which provides us with feedback on your experience in this class and helps us improve the course. The results are released only *after* grades are submitted. Student names are *not* included in the results –your responses will be anonymous. You will get an email from Valencia informing you when the SAI survey will open.

**Student Assistant Program:** Valencia College is interested in making sure 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) services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470. Free face-to-face counseling is also available.

**Student Support Services:** Here are some links that you can use for additional help in areas that affect your learning experience at Valencia, such as advising, registration, financial aid, and others:

* Answer center: [Student Services Office - Valencia College](http://valenciacollege.edu/studentservices)
* Career and educational goals: [LifeMap - Valencia College](http://valenciacollege.edu/lifemap)
* For general information on all student and academic services: [Student Directory](http://valenciacollege.edu/students.cfm)

For assistance with planning your class schedule, please visit with an academic advisor (if you are seeking an Associate in Arts degree) or with a Career Program Advisor (if you are seeking an Associate in Science degree).

**If I am late to class:** Wait 15 minutes. If I’m still not there, send one student to the math department to find out if class is cancelled.

**Disclaimer:** Any information in this syllabus is subject to change at the discretion of the instructor.

**To register for the online homework (MyMathLab)**

1. Go to www.mymathlab.com

2. Under Register, click **Student**.

3. Notice you’ll need 3 things. Click **OK, Register Now!**

4. Enter the course ID **adams00085** and click **Continue.**

5. 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**.

6. Register by selecting one of the following options:

* Select **Use an Access Code** if you have already purchased an access code. OR
* Select **Pay with Credit Card or PayPal** if you are buying your access code now.
* Click the link at the bottom for **temporary access**, if you’re waiting on financial aid.

7. Complete your account set up by entering your name (as Valencia College knows you), ATLAS email address, a username and password, and any other required information.

8. Click **Create Account.**

**Congratulations, you are now ready to start learning Trigonometry Online through Pearson's MyMathLab.**

For help with MyMathLab technical difficulties, click on **Help & Support** in the top right hand corner of the screen (while logged in.) **Note:** If you’ve already registered for this course (with the same textbook) during a previous semester, go through your Pearson Account Profile to enroll. You do not need to buy a new access code or make a payment.

**To Access Homework:**

* Log at [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com) and click on your math class.
* Click on Do Homework on the left side.
* Select the appropriate section and work the exercises on scrap paper. Pay close attention to the directions for entering your answers.
* When you are done, make sure to click Submit Homework. You may submit the homework as many times as needed until the deadline. Therefore, you can work on the homework until you get a perfect score!

**How to be successful is Mrs. Adams’ MGF 1106 Hybrid class:**

* Read and watched the video lessons for the assigned sections before you come to class every week.
* Do your homework and write it down in a notebook as you work the problems.
* Come to class and participate in practice exercises and discussions.
* In MyMathLab, pay close attention to instructions on how to enter your answer. ie. Syntax, number type, etc.
* Don’t leave test or quiz problems blank. If you’re not sure, try something, keep the work and submit it for partial credit. If it’s left blank, it’s worth nothing.
* If you experience technical difficulties while attempting to use MyMathLab, you’ll need help from Pearson, not your professor. Use the Help & Support link in MyMathLab immediately to resolve your issue. If your problem isn’t fixed right away, email me to alert me of your challenges.

Some reminders:

Projects may be submitted in class or electronically (as a MS Word document) to my email.

All projects and homework are due by midnight on the specified test date.

Every day that a project is late, it will lose 1 point.

Projects may be submitted early.

All tests will be taken in the testing center

Bring pencils and erasers on test day!

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| **Week** | **Date** | **Readings, Lessons, & Deadlines** |
| 1 | August 25-29 | Syllabus, 2.1, 2.2 |
| 2 | September 1-5 | 2.2, 2.3 |
| 3 | Sept. 8-12 | 2.4, 2.5 Ch. 2 Sets Test & Project Due |
| 4 | Sept. 15-19 | Monday College Closed, Labor Day, 3.1, 3.2 |
| 5 | Sept. 22-26 | 3.3, 3.4 |
| 6 | Sept. 29-Oct.3 | Ch. 3 Logic Test & Project Due3.5, 3.6 |
| 7 | Oct. 6-10 | 9.1, 9.2 |
| 8 | Oct. 13-17 | Ch. 9 Geometry Test & Project Due9.3, 9.4 |
| 9 | Oct. 20-24 | 12.1, 12.2, 12.3 |
| 10 | Oct. 27-31 | 12.4, 12.5, 12.6 |
| 11 | Nov. 3-7  | 12.7, 12.8 |
| 12 | Nov. 10-15 | 12.9, 12.10Ch. 12 Test, Counting & Probability Project Due |
| 13 | Nov. 17-21 | 13.1, 13.2 |
| 14 | Nov. 24-28 | 13.3, 13.4 |
| 15 | Dec. 1-5 | 13.5, 13.6Ch. 13 Statistics Test & Project Due |
| 16 |  | Final Exam |