

Math 1111: College Algebra
Summer Semester, 2019
CRN#50787, Section IA
3 Credit Hours, Online
Mathematics Department
Valdosta State University

Instructor Information:

Name: Dr. Andreas Lazari

Office: NH2214

Email address: alazari@valdosta.edu

Office Hours: If you are near campus and need to see me, my regular office hours are M, T, W, R 9:30am-10:15am. If you need online help, please make an appointment via email: alazari@valdosta.edu or call during my office hours 229-333-7154. Remember that I will be in class part of the day, but will answer you as I have the opportunity. If you need immediate assistance and cannot contact me, the Thinking Storm tutoring service will help. In addition, if you are nearby, free tutoring is available in the Math Lab in NH1104 and through the Academic Support Center.

Math Department Phone: 229-333-5778

Instructor's Office Phone: 229-333-7154.

Website: mypages.valdosta.edu/alazari

Pre-requisites:

No Pre-requisites. College Algebra is an entry level course.

Required Resources:

This is an online course. Therefore, all assignments, including quizzes and exams, will be done through the program MyMathLab. Registration for MyMathLab is **required**. Complete instructions will be provided. You will need an instructor code when you register (provided in the instructions). You do not have to purchase a book unless you wish to have one. Instead, you purchase the access code through the company and that fee includes an eBook for the course. You may also purchase a text, College Algebra Essentials, 5th Edition, by Blitzer, Pearson ISBN number 9780134469294, from the Bookstore and that package will include the access code you need for the program.

You will need a TI-83/84 plus graphing calculator. No other model may be used. The most helpful graphing calculator for typing your symbols is one that provides squares to fill in for fractions, exponents, etc., since using parentheses can become tedious. The graphing calculator is a must since many activities require its use.

You will need to check your monitor to be certain it has a camera. If you plan to use the Proctor U service to monitor your exams, you will need a camera, either on the monitor or through the purchase of a webcam.

Course Content and Videos:

I have a video for each of your lessons and a homework solution for each homework assignment. The homework solutions and videos are intended to help you achieve success and are posted on my website -

<https://mypages.valdosta.edu/alazari/math1111/math1111.html>. If you need additional support, MyMathLab has an eBook and videos for the lessons. To use those items, login to MyMathLab. On the left side of the page is the menu. Select "Chapter Contents." Then choose the chapter you wish to read or view. Select the section from the chapter. You have an option of an explanation of the content for that section either through written and/or video form. To view a Pearson video, at the right you will find a link to watch a section video.

Homework Assignments:

Students will do all work online via the program MyMathLab. You should perform a browser check to prevent problems. Also, for the program to run efficiently, you **must enable pop-ups and cookies.** You will have homework for each section and be expected to complete it on time. A quiz will be taken at the completion of the Chapter/homework assignments. A chapter will open during the week and all homework and a quiz for the Chapter will be due the day the chapter closes. No extensions on due dates are given for failure to complete work from home due to computer or internet problems. If you are local, you may also work in most labs on campus. Homework assignments may be worked on until all questions are correct. There is no limit to the number of attempts you are allowed per question. You must click the "Save" button in order for the software to record your score. It is your responsibility to keep up with the due dates for assignments. MyMathLab does not automatically record a zero for assignments not attempted in order to give you as much time as possible to do the work. Once the due date has passed, I will instruct the program to update your average and assign a zero for those assignments for which you have done no work. I will monitor your progress, time on task, and the dates that you work. **The homework practice is necessary for you to succeed in a math class.** You should expect to spend **at least two hours each day** watching the videos and practicing. **Do not wait until the day before the chapter closes to start assignments.** If you have not logged in to MyMathLab for seven consecutive days, you may be withdrawn from the class. **For extra help, you may contact the Thinking Storm free tutoring service or the Academic Support Center.** For Pearson technical support team, the number is 800-677-6337.

You should be aware that maintenance for the server is the 1st and 3rd Fridays of each month, Fri 10:00pm-Sat 7am.

https://www.usg.edu/georgiaview/maintenance_schedule

Course Description:

Math 1111 is a study of algebraic topics including polynomials, rational expressions, equations, inequalities, graphing, exponents and radicals, relations and functions through exponential and logarithmic functions.

Student Learning Outcomes:

Upon completion of this course, students will be able to:

1. Use the rules of algebra to simplify, evaluate, rationalize, perform operations with, and apply algebraic expressions that contain both real and imaginary numbers.
2. Determine the distance between two points in the coordinate plane and find the midpoint of the line segment joining the points. Recognize, write, and graph equations of circles.
3. Solve equations (including linear, polynomial, rational, radical, exponential, logarithmic, and absolute value) and use the solutions to draw reasonable conclusions about a situation being modeled.
4. Solve and graph inequalities, including linear, polynomial, rational, and absolute value.
5. Solve quadratic equations using a variety of methods, including factoring, completing the square, the quadratic formula, extracting roots, and technology.
6. Using information about a line (such as slope, intercepts, and points on the line), write equations, sketch graphs, and determine whether lines are parallel or perpendicular.
7. Using appropriate notation and terminology, analyze relations and functions by determining the domain, range, functional values, inverse relationships, and composition of functions both algebraically and graphically.
8. Graph quadratic functions by determining their maximum or minimum values and intercepts.
9. Analyze and sketch graphs of polynomial, rational, exponential, and logarithmic functions including transformations.
10. Use properties of logarithms to evaluate, rewrite, expand, or condense logarithmic expressions.
11. Solve systems of equations using a variety of methods, including technology.

Grading:

Semester Grade: Homework Average - 20%, Quiz Average - 20%, Mid-Term Exam – 30%, Final Exam -30%. For example, a student with a homework average of 100, a quiz average of 96, a mid-term test score of 85, and a final exam score of 88 would have an average of $.2(100) + .20(96) + .30(85) + .30(88) = 91.1$.

Grading Scale:

A(90-100), B(80-89.99), C(70-79.99), D(60-69.99), F(0-59.99)

Assessments:

Quiz 1 – June 12-20

Quiz 2 – June 21-July 2

Mid-Term – July 3

Quiz 3 – July 4- July 16

Quiz 4 – July 17- July 24

Quiz 5 – July 25- August 1

Final Exam – August 2

Tests:

When scheduling a time to begin an exam, be certain to allow yourself enough time to complete the work. The exams are timed. Both the mid-term exam and the final exam are 2 hour exams. However, I have allotted an extra 30 minutes for each of those exams so that you may have time for checking your work and time to do your best. There will be no extended time for students who begin an exam and are not able to finish it for any reason. Per the Mathematics Department's rule, once an exam begins, you must finish it. You will not be allowed to take part of an exam and return later to continue working. There will be **no makeup exams**. If you do not take an exam the day of the exam, you will receive a zero. There will be no extra credit work.

Both the mid-term exam and the final exam must be proctored. You have a choice between taking the exam here on campus at the Testing Center or using the Proctor U monitoring service. If you use the Testing Center, that service is free to VSU students. The center is open 8:30am. The latest you would be allowed to start a test with the center is 3:00pm. To use the center, you must register online at <http://www.valdosta.edu/testing>. No appointments may be made over the phone. If you use the Proctor U service, there will be a fee, depending on the amount of time you use to take the exam and the time you register for the service. With this service, you would be allowed to start the test any time from 12:00am until 8:00pm. Be sure to allow time for security checks by the service. You must abide by the Proctor U rules and procedures. Any violation of the rules will result in a zero for the exam grade. You will be assigned a proctor to observe you as you take the exam. That is the same procedure as in a classroom when an instructor watches you take an exam. You must keep your eyes on your paper at all times. No headwear is allowed. No cell phones or apple watches are allowed. Do not talk out loud. Keep your face and head up so your image is clear. The Proctor U service is a very dependable service and provides excellent security for our exam. Prior to the exam, read all the instructions carefully. Information for the Proctor U service and required materials are found in the Getting Started folder. To use this service, you will have to register online for an appointment to take your exam. Please note: You should schedule your appointment to take the exams with Proctor U 72 hours prior to the exam otherwise additional fee will apply.

A cumulative mid-term exam and a cumulative final exam is mandatory for every student.

Withdrawal from Classes:

Undergraduate students are limited to 5 course withdrawals during their enrollment at VSU, and may withdraw "passing" before Midterm. Students must initiate the withdrawal using Banner. 6 or more withdrawals will be changed to WF - withdraw failing and is calculated in the student's GPA as an "F." Students cannot withdraw after Midterm unless the student is leaving school entirely, which is referred to as a "hardship withdrawal." The student needs to see the Dean of Students to initiate a hardship withdrawal.

Academic Integrity:

All students are expected to do their own work and to uphold a high standard of academic ethics. **Cheating on a test is a major offense.** If you are found cheating, you will receive a "0" for that test. **Cheating on the final exam will result in an "F" for the course.** All instances of cheating may result in further notification of the university.

SOI Statement:

At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available on Banner. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term).

TUTORING!

Free Online Tutoring Available Through ThinkingStorm.

Access expert online tutors for help with this course! Just login to Blazeview and click on Resources. In the drop-down menu, select "Free Tutoring". The link is also in the Getting Started folder. Online tutors are available every day, even in the evenings and on weekends. You should make every effort to be online through this service at least once each week to be sure that your questions are answered before attempting a quiz.

Academic Support Center:

The Academic Support Center (ASC) provides free peer tutoring in core curriculum courses, including sciences, math, writing, social sciences, humanities, and foreign languages. The ASC also provides supplemental instruction (tutor-led study group sessions) for historically difficult courses like biology, chemistry, geosciences, psychology and sociology, as well as academic success workshops. Call 229-333-7570 to make an appointment, email us at asc@valdosta.edu, or visit our website: www.valdosta.edu/asc. Located in Langdale Hall.

Title IX Statement:

Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

Access Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: access@valdosta.edu.