Instructor: Prof. Devoe  
Office: Suite 106-B, 1st floor, Boyd Building  
Office Phone: 678-839-4139  
Email: mdevoe@westga.edu  
Office Hours: T R 1:45 PM — 2:45 PM, or by appointment

Textbook: College Algebra and Trigonometry, by Julie Miller and Donna Gerken (McGraw Hill Education)

Course Requirements: This course requires a Aleks access code to complete any homework or quiz assignments that are on the course website. At the UWG bookstore, all new books come bundled with an access code. All access codes come with an online (electronic) book; if you do not require a hardcopy of the book, you may elect to purchase a stand-alone access code. This can be purchased for approximately $80.00 at aleks.com.

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To register for Aleks or access course website, you will need:

1) Class Code: 9TXYP-6NKNR

How do I register for my course?
Please go to the website: https://www.aleks.com/highered/student_registration.pdf. It will walk you through the process step by step. You may also click this How to video link to follow instructions on how to setup your account.

***NOTE: When you register for the course on Aleks,
1) You are expected to use your UWG EMAIL.

Course Homepage: The course homepage is located at https://www.aleks.com/login. The book comes with supplementary online material under the name “Aleks”. Follow the instruction to access the online material. This is a very important constituent of the course since you will be doing your homework assignments through this system

IMPORTANT NOTES:
1) Since the University of West Georgia does not support Aleks, it is the responsibility of the student to use Alek’s to resolve all technical issues independently of the University. University of West Georgia and its faculty are not responsible for outcomes due to individual technical issues, and Aleks downtime. It is expected that the student will be responsible for completing his/her work in a timely fashion as to alleviate any pressure from these scheduled downtime occur. All students will be notified of these downtimes through the announcements page of the course.

**Course Description:** This course will cover Chapters 2-8 of the text book. Throughout this course you will learn about exponential and logarithmic functions, trigonometric functions, equations, and identities, inverse trigonometric functions, vectors and their applications, graphs of polar coordinates, systems of linear equations, system of equations and finally matrices. This course is designed to prepare students for calculus, physics and related subjects.

**Course Content:**

I. Functions
   a. Composition and Inverse functions
II. Polynomials and Rational functions
III. Exponential and Logarithmic functions
IV. Trigonometric Functions
V. Analytic Trigonometry
VI. Additional Topic in Trigonometry
   a. Law of Sines, Law of Cosines, Polar Coordinates, and Vectors
VII. System of Equations
VIII. Matrices and Determinants

**Not necessarily in this order. The Chapters or sections will be announced. This course syllabus provides a general plan for the course; deviations may be necessary.**

**Homework:** There will be online and offline assignments for each section of the book. The online homework will be graded before exam day. Problems will be discussed in class. It expected that homework will be done on a timely basis, at least several times a week. It is virtually impossible to learn the material without doing the homework on a regular basis. It is your responsibility to do the homework and to ask questions about it if you do not understand whether or not you have done it correctly. You are responsible for all material covered in class, whether or not you attended this class.

**Team Competitions:** There will be three team competitions during the last 20 minutes of class. Each competition consists of problems similar to in-class problems and the homework. The purpose of these competitions is to take attendance and to keep you up-to-date in the course. Make-up competitions will not be given, except when special conditions exist.

**Exams:** There will be three one-hour in-class exams and one comprehensive final exam. All hourly exams will be taken during the regular class time in the regular classroom. Books and notes will not be allowed on any tests. Missed exams will receive a grade of 0. The lowest test grade will be dropped. THERE WILL BE NO MAKE UPS. We will have a review session before each hour exam.

**Calculator Policy:** You will be free to use a STAND ALONE calculator (i.e. NOT a part of your cell phone/ipod/pager, etc) or any graphing calculator, but don’t forget that you will be asked to provide full working for many questions in your tests and the final. You are not allowed to share calculator with any other party in your class during any in class quiz or exam unless permitted by your instructor.

**Team Competition dates:** 8/25, 9/22, 10/20, 11/3
**Exam dates:** 8/31, 10/3, and 11/9
**Final Exam:** Thursday December 7 2:00pm - 4:00 pm

**Grading:**
- Homework: 15%
- Team Competitions: 20%
- Tests: 35%
- Attendance: 5%
- Final Exam: 25%

**Grading Scale:** 90% - A; 80% - B; 80%; 70% - C; 60% - D; 0%-F
Materials Needed:
Graph Paper
3-Ring Binder with notebook paper
Scientific Calculator (suggest at least TI-30X) or Graphing Calculator (suggest at least TI-84)
**TI-89 and other equivalent calculators will not be allowed**

Attendance: Regular attendance is required (see University policy in the General Catalog), and you are expected to come to class on time. Roll will usually be taken at the beginning of class by sign-up sheet; it is your responsibility to sign the sheet. If you are late, and sign-up sheet has already been collected, see the instructor after class. Anyone who is absent for 6 days or more without prior arrangement may be withdrawn by the instructor for excessive absences or may receive a failing grade.

Disruptive Behavior: Behavior that disrupts the classroom learning environment will not be tolerated. Such behavior includes talking during class, use of cellular phones or other electronic devices during class and violent or abusive speech (see University policy in the General Catalog). Student exhibiting such behavior will be removed from the class, and/or be withdrawn from the course with a grade of WF, and/or receive more serious penalties specified in University policies or state law.

Plagiarism: All work should be done independently by the student submitting it; deviation from this requirement is grounds for a failing grade and notification of the Dean of Students.

Last Day to Withdraw without grade of “WF”: Friday, Sept 29
If you withdraw from this class on or before W-day (29 Sep 2017), you will receive a W for the class regardless of your performance provided that you have not exceeded your 6 withdrawals. If you do a withdraw after this date, you will receive a WF if your average is not 70 or higher

NOTE: The overall average in your ALEKS grade-book may be incorrect. You should calculate your overall average according to the statement in the syllabus. Please note that your homework average and quiz average are correct only after unattended work has been assigned a zero. After you have purchase the access code from the bookstore, please review the instructions at the following website to register:

Academic assistance at UWG:
 a. Visit the Math Tutoring Center 205 Boyd Building (phone: 678-839-4140)
 b. Visit the Center for Academic Success for Learning assistance, Test anxiety classes, and Student support services in Room 204 of the University Community Center (UCC) (phone: 678-839-2472)
   https://www.westga.edu/student-services/cas/academic-coaching.php
 c. Visit the Center for Academic Success (phone: 678-839-6280) located in Room 204 of the University Community Center (UCC) for supplemental instruction and tutoring. https://www.westga.edu/student-services/cas/tutoring.php

Students, please carefully review the following information at this link
https://www.westga.edu/administration/vpaa/common-language-course-syllabi.php. It contains important material pertaining to your rights and responsibilities in this class. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

Example of Final Grade Computation:
Homework: 90
In Class Attendance: 100
Quiz Average: 78
Test Grades: T1 = 88, T2 = 72, T3 = 0 (missed), T4 = 68
Final Exam: 74
Final Grade: $0.15 \times 90 + 0.05 \times 100 + 0.2 \times 78 + 0.35 \times \frac{(88 + 72 + 68)}{3} + 0.25 \times 74 = 79.2$

**Keys to Success in this Course**

1. Do all the assignments yourself. Getting help from me, or another student is fine, but NEVER just copy someone else's work.
2. ALWAYS copy the problem before working it. (Exception: word problems.)
3. ALWAYS show your work. Turning in a list of answers is not acceptable and a waste of your time. (Exception: problems meant to be done mentally--I'll let you know.)
4. WRITE DOWN everything I do on the overhead.
5. Make sure you understand what I'm talking about. If you don't, ask me to please go over it again.
6. Make sure you are able to do assignment problems WITHOUT looking at a "model" or "sample" problem. You may need a model for the first few problems, but try to get beyond the need for it quickly. (This is a critical step for doing well on tests.)
7. Check all odd numbered problems with the answers in the back of the book AFTER you have completed the problem on your own. If you missed it, figure out why you missed it.
8. Before each test, try to work some of each type problem that is being covered. Be able to do them WITHOUT a model. There will be no model on the test!
10. Come see me during office hours or go to the MAC Lab if you find an assignment especially difficult. If you are having problems, TELL ME ABOUT IT!
11. Learn to PAY VERY CLOSE ATTENTION TO DETAILS. In mathematics, you must learn to pay attention to every letter, every minus sign, every parenthesis, etc. Many students lose lots of points because of carelessness and inattention to detail!