Advanced Algebra/Trigonometry

"Education is not the learning of facts, but the training of the mind to think". Albert Einstein

Classroom: Room 305
Email: adepaolo@marsd.org
Google Classroom page: Adv Alg Trig 17-18, code: dd7u1v


Course Description: The purpose of this course is to offer students an introduction to trigonometry in their junior or senior year and to solidify their mastery of algebra. Students will use their knowledge of algebra and geometry to develop trigonometric literacy (e.g., perform basic operations; derive, prove and solve identities; and solve most types of triangles) and learn critical thinking skills to solve real-world applications. Technology will be used to expose the students to the graphical techniques of problem solving. Communication of mathematical solutions and interpersonal skills will be demonstrated via individual and group projects.

Required Materials:
- Spiral notebook or binder with sections for class notes, classwork, and tests/quizzes.
- Separate spiral notebook for homework which will be collected.
- Covered textbook.
- Writing utensils: pens and/or pencils
- TI-83, 84 or 89 graphing calculator

GRADING CRITERIA
Tests: 45%
Quizzes: 15%
Classwork/Projects: 25%
Homework: 15%

QUARTERLY EXAMS: At the end of each quarter you will be administered a cumulative quarterly exam. The average of the quarterly exams count for 20% of your final grade
Textbook: Trigonometry, 8th edition

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CLASSROOM EXPECTATIONS
Any disruption to the learning process is **NOT** acceptable. Every student must adhere to the following rules:
1. BE PROMPT – Be in your seat when the bell rings.
2. BE PREPARED – Have books, assignments, homework, and materials ready at the beginning of class.
3. BE ATTENTIVE – Listen, take notes, ask questions, and stay on task.
4. BE RESPECTFUL – Raise your hand; be respectful of everyone in the class.

HOMEWORK
Homework must be completed in a separate spiral notebook which will be collected and graded. See separate handout for homework format.

ACADEMIC INTEGRITY
Cheating of any kind will not be tolerated. All involved parties will earn zeros on the assignment or assessment and a disciplinary referral will be sent to administration.

Cellphones will be collected prior to the administration of a quiz or test.

The following are examples of cheating; however, this list is not all inclusive:
- Representing the work of others as your own (copying homework, letting someone copy your work etc.)
- Looking at another student’s paper during an exam or quiz.
- Using prohibited materials (notes, cellphones, computers, etc.) on exams or quizzes.
- Sharing calculators during exams or quizzes.
Advanced Algebra/Trigonometry Syllabus Acknowledgement

Please sign and return. This counts as an assignment.

I have read and understand the syllabus for Dr. DePaolo’s Advanced Algebra/Trigonometry class.

Parent: _______________________________ Date: __________

Student: _______________________________ Date: __________

Please legibly print student name: _______________________________