

Course Syllabus Advance Algebra & Trigonometry
Tech High School
SCHOOL YEAR 2008-2009

Teacher: Mr. D. Potts

Blocks: 1 & 3

Room #: M-2

Prerequisite: Successful completion of Geometry 7 Algebra II

Email: dpotts@techhighschool.org dean.potts@gmail.com

Description: Advance Algebra Trig extends Algebra II by using the principles and reinforcing problem solving, communication, reasoning and connections. The following are emphasized:

- | | |
|---------------------------------------|---|
| 1) Equations and inequalities | 2) Functions, domain, range, and graphs |
| 3) Rational functions & conics | 4) Matrices & determinants |
| 5) Polynomials & rational expressions | 6) Irrational and complex numbers |
| 7) Trigonometry | 8) Polynomial functions |
| 9) Analytic trigonometry | 10) Probability, sequences & series. |

Textbook: Larson & Hostetler Algebra & Trigonometry Price: \$68.00

Student Grade: The final average will be computed using the following:

Daily average 25%

(Warm-ups, Quizzes, Class work, Homework & Classroom discussions)

Test average 25%

(Chapter and Unit test)

Projects 25%

Work ethic grade 10%

Final exam 15%

GRADING SCALE:

A 90-100

B 80-89

C 70-79

Below 70 No credit will be given

CLASSROOM GUIDELINES

1. All math work must be written in PENCIL! Papers turned in written in ink will NOT be accepted. Show pride in your work with neatness and organization.
2. Assignments are given on a daily basis (this includes weekends). It is extremely important to complete these daily assignments that may be taken up at any time. Students are expected to finish all in-class assignments in a timely manner showing all work necessary to complete assigned problems. Credit is not given for assignments that do not show necessary work.
3. Homework will be collected at random. Sometimes only a subset of problems will be graded for accuracy. Homework is NOT optional. If you choose not to do the homework or you "forget" you will receive a zero.

4. QUIZZES/TESTS will be given during each unit, as the teacher feels necessary.

5. LATE/MAKE-UP WORK: All students are expected to turn HW/CW in on time. Late HW will only be accepted from students who have an excused absence. If your absence is unexcused you will receive a zero. You have three days to make up any missed tests or quizzes and one day for missed homework if your absence is excused. Late make-up work will receive no credit. Daily attendance is extremely important. You should contact your peers to find out what notes and assignments were missed. Tests and quizzes must be made up after school during tutorial or you can make an appointment with me to make up a quiz.

6. DAILY SUPPLIES – Students are required to have the following:

1 three-ring binder (at least 1.5”), 1 pack of dividers, textbook cover, notebook paper, pencils (at least 2) ruler, graph paper (1/4 inch), scientific calculator

Students will be able to use calculators for most class work and homework. Students are expected to bring these items to class DAILY.

8. If you’ve lost a book, you will not be issued another one until the fine is paid.

9. All students are expected to adhere to the honor code. CHEATING will not be tolerated. Any student found cheating will be given a zero and parents will be contacted.

EXTRA HELP:

I will be available for extra help during tutorial or you can make an appointment with me. Tutorial days will be Tuesday, Wednesday, & Thursday of each week from 3:20 till 4:00pm.

TARDY POLICY:

Students are expected to be totally inside of the classroom when the bell rings. Any student arriving after the bell will be marked tardy unexcused. Excessive tardiness will be handled by the administration.

STUDENT PARTICIPATION:

All students are expected to participate in class.

BEHAVIOR POLICIES:

Proper student behavior is essential as ALL STUDENTS HAVE A RIGHT TO LEARN IN AN ENVIRONMENT CONDUCIVE TO LEARNING.

1. HALL PASSES will only be given in the case of a dying emergency. I will not write hall passes.

2. Use the restroom before/after coming to class.

3. Please do not eat in the classroom. It is not a cafeteria.

4. Each student is expected to be respectful.

5. Throw all trash away.

The teacher reserves the right to adjust or modify these policies to best serve the needs of the students.

SIGNATURE PAGE

I HAVE READ AND REVIEWED A COPY OF THE SYLLABUS AND CLASSROOM POLICIES FOR MR.POTTS ALGEBRA II CLASS. MY SIGNATURE INDICATES THAT I FULLY UNDERSTAND AND AGREE TO ADHERE TO THESE POLICIES AND PROCEDURES AS WELL AS THE POLICIES OF TECH HIGH SCHOOL AND ALL GUIDELINES WITHIN THE STUDENT CODE OF CONDUCT.

Date: _____

Period: _____

Student's Name: _____

Student's Signature: _____

Parent's Name: _____

Parent's /Guardian signature: _____

Phone Number (H): _____

(Other): _____

Parent / Guardian work number: _____

Parent / Guardian Email address: _____

Preferred time/method of contact: _____

Does your child have any health concerns/conditions? (yes / no)

If yes, please describe the condition and any medications that need to be taken.

****Please be sure contact information above is correct should someone need to be contacted in case of an emergency. ***

Please Note: Classroom policies may be amended as deemed necessary by the instructor. Students will be held responsible for all amendments.