

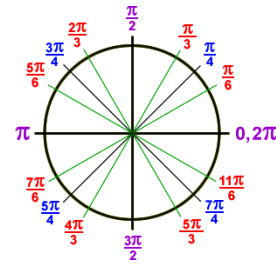
Math IV

Mr. Lehman

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Text: Larson/Hostetler PreCalculus 9th Ed. 2014

Website: <http://denverhsmath.weebly.com/math-iv.html>



Course Description:

This course is an extension of Algebra II with an emphasis in Trigonometry. All major Algebra II topics will be reinforced with greater depth and enhanced with the use of calculators and computer applications. This course is designed to prepare a student to be successful in a college algebra course or calculus course.

Outline:

We'll basically follow the book, deviating when necessary/appropriate. Standards that we will be covering are posted on the class website. These standards will be assessed in groups as unit quizzes/exams.

Important Note:

If you begin to struggle at any point in this course, it is important for you let me know right away. Mathematics is a topic that gradually builds upon itself and seeking assistance early will help you avoid becoming lost later in the year. One-on-one tutoring is often the best method to learn mathematics and I will be available to assist you most days before and after school.

Class time:

Be prepared! Bring your textbook, notebook, writing utensil(s), calculator, and completed homework assignment every day.

*No Cell Phones or Electronic Devices! Electronic devices are not to be used (without permission) from bell to bell. If I see you using your cell phone, it is an automatic 30 min. detention through the office. These devices may not be used as calculators.

Grading:

Your semester grade will be comprised of the 1st Quarter, 2nd Quarter grades, and a semester exam. Each quarter is worth 40% of your semester grade, with the semester exam worth 20% of your semester grade. Each quarter will be weighted with homework/classwork comprising 10% and Assessments (Quizzes, Exams, etc.) making up 90%. Grades will be based on numerical calculations and assigned according to the scale provided in the Student Handbook.

Homework/Classwork:

You are permitted to work on homework/classwork together; however, all work must be your own work and in your own words or it will be in direct violation of the academic honesty policy. Homework will be assigned at the end of most lessons and will be designed for the following functions:

- to give the student practice with a new skill or to reinforce a skill
- to give the student extension and enrichment of classroom instruction
- to give the student feedback on whether or not they understand the new skill
- to give the teacher feedback on student performance

Homework/classwork is graded on completion and effort and will be collected on the date announced in class. It's best to do the work before the next class period so you can ask questions

about topics that you still need practice with. Not all work will be collected and graded; however, a lack of effort in homework/classwork will almost certainly be reflected in performance on assessments.

Assessments:

Assessments for a group of standards (typically 3-5) will be given as unit quizzes/exams. We will review before each assessment with problems similar to those found on the quiz/exam. As this class is designed to prepare students for college math courses, each assessment score is final and goes in the gradebook.

Make-Up Work:

Make-ups will be allowed for all excusable absences and must be completed within the timeframe of two days for every class period missed. If you know you are going to be gone ahead of time, you need to let me know in order to get any assignments you may be missing. If you get an assignment, it will be due the day you are back unless you talk to me that morning and let me know why it is not complete. You will be expected to take assessments the day you come back. All assignments are posted on the class website and written on the board in the classroom.

Calculators:

You are responsible for providing and bringing a scientific calculator. The use of calculators in class will be permitted unless otherwise stated. You will know when you are not allowed to use a calculator in class. If you use a calculator on a homework assignment in which a calculator is not allowed, then you will only be hurting yourself because it is likely you will not possess the skills required to do well on the tests and quizzes where calculators are not permitted. I recommend the following graphing calculators: TI-83/84 Plus. If you plan on taking calculus, investing in a graphing calculator now is a good idea, though you are not required to buy one for this course.

Discipline/Consequences:

Students are expected to behave in a respectful manner and contribute to a positive learning environment. Discipline/detentions will be handled according to the student handbook for any behavior that violates the *Common Sense Behaviors* and *Discipline Procedures* sections of the student handbook.

Academic Dishonesty:

You are permitted to work only on homework together in this class. All other work must be your own and in your own words. Any form of cheating will result in a zero on the first offense. Any subsequent forms of cheating will be dealt with on a case-by-case basis. Examples of cheating include, but are not limited to: copying off other students' papers, possessing another student's assignments or assessments, giving answers to others on an assessment, plagiarizing, having possession of unauthorized notes, and/or sharing calculators during assessments.

General Caveat:

The policies presented here should be taken as general guidelines and are subject to change at the discretion of the instructor with due notice and consideration. "If any point in dispute is not covered by the Rules, the decision shall be made in accordance with equity." (Rule 1-4 of the USGA Rules of Golf).