



CANYON HILLS HIGH SCHOOL

Advanced Integrated Mathematics II Syllabus

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Room 1009

Course Description: Integrated Mathematics combines topics and skills from different mathematical disciplines (including algebra, geometry, probability, and statistics) to enable students to use a variety of skills and strategies to become effective problem solvers and communicators of mathematics. Students will strive to achieve both Common Core content standards (what we know and are able to do) and practice standards (how we do it).

In Integrated Mathematics Course II, students will be expected to

- extend the laws of exponents to rational exponents
- compare key characteristics of quadratic functions with those of linear and exponential functions
- create and solve equations and inequalities involving linear, exponential, and quadratic expressions
- extend work with probability
- establish criteria for similarity of triangles based on dilations and proportional reasoning.

A complete list of common core standards for this course may be found at <http://www.cde.ca.gov/be/st/ss/documents/ccssmathstandarAug2013.pdf>. (Go to page 102 of 162).

This course meets the second year math requirement for high school graduation, as well as the UC/CSU "C" requirement for college prep.

Text: Cuoco, et. al. *Integrated CME Project Mathematics II*. Educational Development Center, Inc., 2013.

We will use other instructional resources, as well.

Suggested Materials: Pencil, black and blue pens, highlighter, one-inch binder with 8 dividers or 3-prong folder, scientific or graphing calculator, headphones.

Students are expected to bring their district-issued laptop and charger to class each day.

A limited number of graphing calculators will be available at the library. Checkout forms are available from Mrs. Oberle. If a student has trouble obtaining supplies, please speak with Mrs. Oberle.

GRADING:

Grading Categories

Grading Scale

Assessments:	75%	A	88%-100%
Homework and Classwork:	15%	B	70% - 88%
Tasks:	10%	C	50% - 70%
		D	35% - 50%
		F	below 35%

Level	Description of Mastery on Specific Standards
4	Exceeding content-area standards
3	Meeting content-area standards
2	Approaching content-area standards
1	Beginning progress towards content-area standards
0	Insufficient evidence to determine level of performance

ASSESSMENTS:

Students will be assessed on each standard a minimum of two times per unit. The average of these scores will be entered into the gradebook. Students may retake each standard an additional time to earn a 3.5. Retakes are due two weeks after the unit assessment is returned. At the end of the term, this time span may be shortened. Retakes must be completed outside of class time. Semester Finals may not be retaken

HOMEWORK AND CLASSWORK:

Write responses and homework are in this category. Homework is generally assigned daily and is due the following day. Late work *may* be accepted for credit. Incomplete work may be turned in for partial credit. Assignments not earning full credit may be resubmitted. Late work must be submitted one week prior to the end of the grading period to be graded for that grading period.

TASKS:

In-class activities are in this category. These activities are primarily group assignments, but individual performance tasks may be included.

ABSENCES:

In the case of an absence, students have one day for each day missed to make up work. It is the student's responsibility to come to me for any missed assignments. If a student is absent on the day of a test, he or she will make it up the day of return. At the end of the term, time may not allow for make-up tests. Also, please schedule to be in class for end-of-term exams. If the student misses two or more days during the chapter due to illness, he or she may arrange a time with me to take the exam.

ASSISTANCE:

I will be available for tutoring after school on Tuesdays from 3:45-4:30 and before school on Thursday s from 8:00-8:40. Tutoring may be available at other times by appointment. Please provide 24 hour notice for tutoring appointments. Students will be given ample notice if tutoring is cancelled.

PROGRESS REPORTS:

There are six six-week progress reports throughout the year. If a student receives a D or F on a 6- or 12- week progress report, the student is in danger of failing at the semester. In addition to school progress reports, parents may view student progress in PowerSchool.

CLASSROOM EXPECTATIONS:

Be in class, be on time, be prepared.

Always do your best work.

Turn in work on time. (Your name is required for credit)

Participate in class discussions, work with your partner, team, or class, as appropriate.

Respect your teacher, your classmates, yourself.

Follow all school rules.

Please silence all cell phones and store them in backpacks during class

POSITIVE OUTCOMES:

Pride in a job well-done

Improved citizenship grade

In-class Recognition

Positive notes and calls home

ACADEMIC HONESTY: Students are expected to complete their own work. Academic honesty and responsibility are expected of all Canyon Hills students. Copying someone else's homework, turning in a paper done by someone else, plagiarism, copying from other printed resources without giving credit to the author, and/or giving or receiving answers, sharing answers, using "cheat sheets," or other such devices, are all considered cheating. Consequences may include a "zero" on the assignment for a first offense, along with a U in citizenship. Please see Canyon Hills Honesty Policy on the website for further information.

Canyon Hills High School Citizenship Grading Policy

Purpose: At CHHS, we are supporting each child's development in becoming thoughtful and productive citizens who will inherit our global society. With that, we will be explicit and transparent in teaching and modeling for our students how to reach excellence in citizenship. Citizenship grades are the balance of a student's general work habits, attitude, and behavior in class over the grading period, not the result of one day or one action. It is the culmination of a student's willingness and efforts to help or hinder the student's own progress, as well as that of the class and other students. Additionally, they are not an evaluation of the child as a person.

Grade	Citizenship Rubric
Exceeds E	<ul style="list-style-type: none">• Participation is constructive and elevates the academic environment of the class.• Consistently models exceptional behavior and respect for teachers and students.• Independently prepares for and is engaged in class activities.• Submit assignments by the due date.• Uses technology to enhance learning, according to teacher policy and permission.• All absences are excused. Two or fewer tardies.
Meets M	<ul style="list-style-type: none">• Participation is constructive and supports the academic environment of the class.• Consistently exhibits respectful behavior towards teachers and students.• Prepared for and engaged in class activities.• Submit assignments by the due date.• Uses technology appropriately, according to teacher policy and permission.• No more than one unexcused absence. Four or fewer tardies.
Inconsistent I	<ul style="list-style-type: none">• Participates in academic environment; but may occasionally distract or need redirection to participate in the academic activities fully.• Sometimes demonstrates disrespectful behavior towards teachers or students.• Sometimes unprepared for and disengaged from class activities.• Sometimes does not submit assignments by the due date.• Uses technology inappropriately, not adhering to school policy.• No more than two unexcused absences. Five or fewer tardies.

Unsatisfactory U	<ul style="list-style-type: none">• Seldom participates or frequently distracts from the academic environment of the class.• Frequently demonstrates disrespectful behavior towards teachers or students.• Unprepared for and disengaged from class activities.• Often does not submit assignments by the due date.• The use of technology distracts from the academic environment.• Three or more unexcused absences. Six or more tardies.
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I have read and understood this syllabus. I am aware that any changes will be communicated to the class in writing.

Student Name _____

Student Signature _____

Guardian Name _____

Guardian Signature _____