

Syllabus

COURSE: Geometry, Grade 10, 5 units

TEXTBOOK: Geometry: concepts, skills, and problem solving
ISBN: 978-0-07-877855-1

SEMESTER: Fall 2009

TIME/PLACE: W, R 11:00-12:30 in Excelsior

INSTRUCTOR : Michael Sweeley Ext: 546, e-mail: msweeley@goldrushcs.com

REQUIRED MATERIALS:

- Lined paper
- Graph paper
- Ruler
- Binder (with dividers)
- Scientific calculator
- Compass
- Protractor

COURSE DESCRIPTION:

This is a study of Euclidean Geometry, the math of geometric shapes. Since the time of the Greeks, logic and reasoning has been central to geometry. Some major topics are:

- Triangle congruency postulates
- Area and 2-D objects, including rectangles, triangles, circles, and polygons
- Surface area and volume 3-D objects including prisms, pyramids, and spheres
- Properties of right triangles and basic trigonometry
- Properties of circles involving central angles, inscribed angles, tangents, secants, and cords

STUDENT RESPONSIBILITIES:

1. Bring book and binder to class each day.
2. Be respectful of the classroom environment. Be quiet during lessons and raise your hand to ask or answer questions. Keep noise to a reasonable level during group work.
3. Be patient. Learning algebra takes practice and perseverance.

GRADES: The final course grade is a weighted average with the following components:

Attendance, classwork, and participation	20%
Homework	30%
Quizzes	20%
Tests	30 %

NOTES ABOUT HOMEWORK:

- 1) Because we have only two class meetings per week, homework will be more important than with a traditional schedule.
- 2) Homework will be assigned on a per class basis. Students will be expected to write the assignments in their planners.
- 3) The following heading must be placed on the top-right corner of each assignment

Name
Date
Subject
Assignment
Assigned Instructor

GRADING SCALE:

A	90% -100%
B	80% -89%
C	70% -79%
D	60% -69%
F	0% -59%