

Teacher: Mr. Corella

Class: Geometry

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Term: Fall 2017 – Spring 2018

Phone: (909)596-1946

Course Syllabus

Required Text



Charles, R. I. (2015). *Geometry*. Boston, MA: Pearson Prentice Hall.

Course Objectives

1. To become familiar with the basic tools of geometry including reasoning and proofs, points, lines, planes, segments, and rays.
2. To use these tools of geometry to prove angles, triangles, and quadrilaterals congruent, to prove lines to be parallel or perpendicular, and to find trigonometric relationships in triangles.
3. To learn and use various formulas for finding the area, surface area, and volume of various geometric figures including triangles, quadrilaterals, circles, kites, pyramids, cones, and spheres.

Required Materials (Every Day)

Geometry Text Book (e-text acceptable) Scientific Calculator (**graphing not required**)

Pencils and Pens

3-ring Notebook with Blank Paper

Grade Breakdown (1000 total points each semester)

Homework – 300 points (30%)

Classwork/Projects – 60 points (6%)

Quizzes – 180 points (18%)

Tests – 300 points (30%)

Cumulative Semester Final – 100 points (10%) Notebook – 60 points (6%)

Grade Percentages

A → 100 – 90 (900 points minimum) D → 64 – 55 (550 points minimum)

B → 89 – 80 (800 points minimum) F → 54 – 0 (below 550 points)

C → 79 – 65 (650 points minimum)

Academic/Discipline Policies

If a student is absent for one or more class sessions, he is responsible for making up any work missed during those days. Students will be given an extra day to complete any late homework without penalty. However, if work is turned in after this grace period, only half credit can be earned on the assignment. **Missing homework will be accepted up to the day of the chapter test from which it is assigned, for 50%.** Any homework not turned in by this deadline will receive a grade of zero. If a student misses a quiz or test, he is responsible for rescheduling a time and day to make up the missed quiz/test. If the student does not make up the missed quiz or test within 5 school days after the original date it was given, a grade of zero will be given for the quiz/test.

All students must show up to class in a timely manner. All students must follow the dress code as required by the student handbook. Students are expected to show respect towards the teacher as well as their fellow students within the classroom. Students must raise their hands when asking/answering a question and derogatory language, in any form, will not be permitted within the classroom. Cell phone use will not be permitted in class. If any student is unable to follow these rules, they will be given a warning. If they continue to disobey the classroom rules, then a detention will be given. If these punishments do not adequately halt the behavior, then the deans and parents will be involved in the discipline process. Remember, we are all a part of the Damien community, so treat each other in an appropriate manner.

Course Summary

This course is designed as a follow-up to the completion of Algebra 1. While Geometry will use Algebra in order to calculate certain answers, it is a very different style of math. Geometry places a much bigger emphasis on reasoning and critical thinking skills versus the algebraic way of solving problems through formulas and numbers.

Homework will be assigned after every lesson in order to supplement the material being taught in class. Quizzes will be given before the end of each chapter (12 total). Tests will be given at the end of each chapter (12 total). Students will be given ample warning of any upcoming quizzes or tests. These will also be listed online ahead of time to allow parents to verify quiz and test dates.

If there are any questions or concerns, please contact me at my email address. I check my email multiple times a day including before and after school. I am also on campus before and

after school for tutoring at the request of the student or parent. I only ask for 24 hour notice if tutoring is needed.

Instructions for Using Damien Website

1. Go to www.damien-hs.edu
2. Go to the **About DHS** tab and click on **Contact Directory** at the bottom of the menu
3. Scroll towards the bottom of the page and click on my name: **Jason Corella**
4. Click on the link for you particular class period
5. Any and all upcoming work will be listed on this page and will be updated daily. You can also subscribe to this page with your email address and receive email reminders about all upcoming homework assignments, quizzes, and tests.

Instructions for Using Moodle

1. Follow instructions #1 – 3 above
2. Instead of clicking on your class period as in step #4, click on **Links** on the right side of the page
3. Click on the appropriate link for your class

Moodle is an excellent resource for any student that is absent from class for any period of time (or any student that may be forgetful and misplace things easily). Throughout the school year, I will upload notes, a list of all homework assignments, study guides, and any information that I consider useful to the student. The student will have the ability to download and print out anything that he might have missed or forgotten.

Notebook requirements

- Three ring binder specific for geometry notes
- At least 6 tabs (6 chapters will be covered per semester)
 - What should be included in each tab when collected
 - Notes (6-8 pts.)
 - Quiz (1 pt.)
 - Study guide (1 pt.)
 - Misc. worksheets and handouts(0-2 pts.)

I will collect notebooks the day of each chapter test and will grade what is in that section. I will be looking for the notes for each section which should include definitions, examples worked out, and personal notes. If a student is absent they are responsible to get the notes from another student or to get the notes from my moodle page before the day of the test. The notebook is due before the test begins to earn full credit, if the notebook is not submitted before the beginning of the test it will be considered late. If the notebook is turned in late (after the start of the test) it will be deducted 2 points each day from the grade earned.