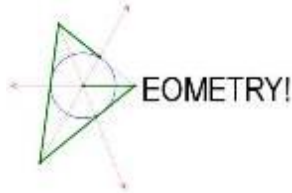


Eagle High School
2011-2012



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ge●om●e●try ˌjē-ˈä-mə-trē\ n, [ME *geometrie*, fr. MF, fr. L *geometria*, fr. Gk *geōmetria*, fr. *Geōmetrein* to measure the earth, fr. *geō-* *ge-* + *metron* measure – more at MEASURE] (14c) : a branch of mathematics that deals with the **measurement**, **properties**, and **relationships** of points, lines, angles, surfaces, and solids (Merriam Webster)

WHAT IS THIS COURSE ALL ABOUT?

It's likely you'll find geometry different from other mathematics, mainly because it is an area where the main focus is not on computing numbers. Instead, we put more emphasis on the second and third bolded items from the definition above. And you'll know it when you see it: Don't be surprised by a test question where you will draw a Venn diagram showing the relationships between different kinds of triangles. Of course, you will learn how to measure length, angle measure, area, volume, etc., and there will certainly be some algebra, but mainly your responsibility in this course is to **form logical arguments for why certain relationships exist**. Let that thought swim around in your brain for a while.

For detailed information about course objectives and topics covered, check out the [district's curriculum webpage for this course](#).

WHAT SHOULD YOU BRING TO CLASS EVERY DAY?

Textbook: Boyd, et al, *Geometry*, Glencoe/McGraw-Hill, 2001.

Pencil: You'll be happier if it's mechanical because my sharpener never works well.

Binder: Clean and organized and filled with an abundance of paper, preferably graph paper. **Additionally, your binder must contain some form of removable booklet/notebook that you will use to keep a detailed record of course concepts. You will occasionally be allowed to use this on quizzes and tests, so take care of it. No practice exercises may be worked in this notebook, just notes, diagrams, etc.**

Scientific calculator (optional): It must have sine, cosine, and tangent functions. I don't have many to loan.

Compass and straightedge (optional): Geometry involves the study of shape, so naturally you will frequently draw pictures *that must be accurate and clean*. Again, I don't have many to loan.

What is expected of you to help foster your success in this class?

My expectations for students all boil down to one simple principle: Treat yourself, others, and the community with R.E.S.P.E.C.T. Some examples include the following:

Respect yourself and your classmates by being in your seat ready to learn when the bell rings.

Respect yourself by taking pride in your work, your attitude, and your ability to contribute.

Utilize your available resources, **especially the class website**.

Know all EHS and Meridian School District policies and that I will enforce them.

http://www.meridianschools.org/Students/StudentHandbooks/Documents/2011-2012_High_School_Handbook.pdf

The use of electronic devices of any kind is not allowed, unless otherwise specified. All phones must be visible on your desk at all times and turned off. If any network access occurs during class, you will be warned. Any subsequent offense will result in a discipline referral. (Updated January 20, 2012)

How is your grade evaluated?

Average scores are rounded to the nearest whole number, and letter grades are assigned as follows.

90% - 100% ⇒ A

80% - 89% ⇒ B

70% - 79% ⇒ C

60% - 69% ⇒ D

0% - 59% ⇒ F

Concept Check's (CC's) – 15% of final grade

For each new concept, you will be assigned a set of practice exercises. **In order to receive credit, show your entire thought process, write clearly in pencil on clean paper, and check your answers with "BOB" or in the teacher's**

edition, which is available in the classroom for you at all times. You'll have a little time to ask questions about the exercises when the next class period begins, at which time you'll submit the exercises for scoring. **Only a small number of exercises will be scored, so be sure to put your best effort into every part of the assignment.** Sometimes you will be required to complete an additional set of exercises in class, essentially just a short, in-class quiz called a Concept Quiz. These questions may be presented to you via "clickers."

- Excused absences on the day of a Concept Quiz will result in the score being exempted from your grade, but the original practice exercises are still due under the regular makeup policy; otherwise a zero will be assigned.
- Each semester, you may submit two sets of practice exercises late for full credit. Any additional late assignments will receive no credit. Note that concept quizzes do not fall under this policy because they are done in class.
- Each semester, the three lowest scores will be dropped to allow for unforeseen circumstances.
- **Important:** Your percent score on each set of practice exercises or concept quiz will be no lower than the score on that unit's examination, **provided the original practice exercises were completed on time and in the manner described above. Let's hear it for second chances!**

Unit Quizzes – 25% of final grade

- Unit quizzes that are missed due to an **excused** absence or tardy are exempted from the student's grade and may not be retaken. (This policy is so other students can receive prompt feedback.) Consistent with the Not Fine Print, the instructor reserves the right to override this policy at his discretion.
- Final quiz percentages within each unit will be no lower than that unit's examination score percentage.

Unit Examinations – 45% of final grade

- Textbooks and notes are not allowed unless otherwise specified.
- If you miss a unit exam due to an **excused** absence, it is your responsibility to immediately make arrangements to complete it.
- Once an exam is started, **it must be finished before leaving the room.**
- Once a semester, you may hit the "reset button" on an exam and take a **new version** of the unit exam. Your final score will be whatever you get on the new exam, so prepare well! For suggestions of how to prepare, talk to me. The new exam must be completed before the end of the following unit.

Semester Final Examination – 15% of final grade.

The Not Fine Print: The instructor reserves the right to make amendments to this syllabus at any time. Amendments will be announced in class and updated on the class website.

January 23/24, 2012

Dear Parents/Guardians:

Welcome to the second semester of the 2011-2012 school year! Please read through the above syllabus carefully to become familiar with important aspects of this course. (Admittedly, my grading structure is complicated, so please contact me if you have any questions about how or why I assign scores a given way.) Then, as part of the first assignment due January 25/26, 2012, please send me an e-mail from *your* account (not your child's) to confirm that you received and understand this information. Please identify your child's name in the subject line of the message and the class period in which they are enrolled. Also, please provide the best phone number for contacting you. If you have any questions, please do not hesitate to ask. (If you do not have or use e-mail, please just send a paper note with this information.) I look forward to working with you and your child this year!

Sincerely,
Todd Fogdall