

Senior Math

Mrs. Scott, Room W15, Dunlap High School

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How to succeed in Senior Math

- Be on time and attend class EVERY DAY.
- Come to class prepared to learn with all required materials.
- Keep your binder and notebook up to date and in order.
- Do ALL of your homework and turn it in on time!
- Regularly study and review the class notes.
- Ask questions if you don't understand something.
- Be responsible for yourself and your actions.
- Find a "Study Buddy", someone you can call about questions. Make sure you get their name and phone number.
- Use a daily planner to record homework and the dates of upcoming tests, quizzes, and projects.

Classroom Expectations:

1. Be Responsible

- Be on time
- Come to class prepared
- Follow directions the first time
- Turn in homework on time
- Be organized and use your planner

2. Be Respectful

- Treat others kindly
- Use constructive language
- Listen carefully; Don't talk over others

3. Be Safe

- Keep hands and feet to yourself
- Keep items out of the aisles
- Use all class resources appropriately

4. Be Engaged

- Pay attention
- Take notes
- Think critically

Consequences for misbehavior:

Students are expected to be responsible & well behaved in this classroom. If there are any problems, possible consequences include the following but are not limited to: warnings, contact with parents, parent and/or student conference, teacher detention, and office referral.

Students with dress code, cell-phone, or tardy infractions will be handled as outlined in your official student handbook. Please familiarize yourself with this important document.

Required Materials

You do not have a textbook for this course, so it is extremely important that you keep an organized binder with all of the notes and homework handouts.

You are expected to bring the following materials to class each day:

1. 3-ring binder (2" thick) with loose-leaf paper and dividers
2. Page protectors for the binder (this will help keep your notes organized)
3. Sharpened pencils, a ruler, and graph paper
4. Daily planner
5. A scientific calculator is highly recommended and may be used on assessments (I will not have calculators to loan out).

If you are absent:

1. Email Mrs. Scott the day of your absence to see what you missed.
2. Call your study buddy the night of your absence to see what you missed in class today.
3. Check the absent folder (located on the bulletin board) for Senior Math when you return to class.
4. Ask me before or after class (not during) about what you missed.
5. Write "Absent" at the top of any assignments you turn in so they are not counted late.
6. If an assignment was due the day you were absent, it is due immediately when you return.
7. If you missed an assignment due to an excused absence, you have the number of days you were absent to turn the assignment in without late penalty.
8. If you are absent (excused) the day of a quiz or test, you will be responsible for taking the test the day you return. Failure to do so will result in a grade of 0 for that assessment.
9. If an assignment, quiz, test, or project is turned in late due to an UNEXCUSED absence (as determined by the office), it will receive a score of 0.
10. You are responsible for turning in all assignments prior to a pre-planned absence (whether or not school related). Additionally, if your pre-planned absence will interfere with a quiz or test, you must make special arrangements to take the assessment ahead of time.

Online Resources

There are several websites you may find helpful if you need more help with some topics. If you find other helpful websites, please let me know and I will add a link to the class website.

1. www.khanacademy.org This is a website with hundreds of videos organized by subject and topics that explain problems step-by-step.
2. www.sophia.org This website contains thousands of videos organized by subject and topics that explain problems step-by-step.

Grading Policy

Homework—Due to our limited class time together, homework is inevitable. It is imperative that you turn your assignments in ON-TIME! You have a great deal of content to learn this year and the course will be fast paced. DO NOT get behind on homework or class assignments as it will become increasingly difficult to get caught back up. Utilize time during homeroom and study hall to complete your homework. Daily homework assignments will be based upon completion and or correctness. Assigned homework is to be completed before the **beginning** of class on the day it is due. **Work that is turned in late will receive at most half credit.**

Quizzes/Tests—Each chapter we cover in class will have at least one quiz and/or test. Quizzes and tests are generally worth between 50-100 points, but may vary due to the nature of the material being assessed. Students may remediate one failed test per quarter, to receive up 66%, by completing the Request to Retest process.

Grading Scale: Your grade will be determined through a variety of activities and assessments. The weighting for each category is as follows:

- Homework/Classwork Assignments— 25%
- Quizzes/Projects— 35%
- Tests— 40%

The grading scale for this course will follow the non-honors course grading system as outlined in the student handbook.

Parents and students are STRONGLY ENCOURAGED to check your grade using PowerSchool. For questions about how to access the online database, please contact the main office.

Semester Exams:

A semester exam is required for this course at the completion of the first semester only, unless the student has been deemed excused by administration. The exam is comprehensive for the content covered during the preceding semester. Students will be given the opportunity for review of the material covered prior to the exam date. The semester grade, which is the grade recorded on the permanent records and used to figure class rank, will be computed as outlined in the student handbook.

Senior Math Unit Calendar—The time frame below is approximate and subject to change in order to meet the educational needs of the students.

Semester 1 Unit topics: Real Numbers, Linear and Absolute Value Equations, Linear Inequalities, Systems of Equations and Inequalities, Exponents and Polynomials, Quadratic Functions and Inequalities, Rational Expressions and Equations, Radical Expressions, Function Review.

Semester 2 Unit topics: Euclidian Geometry, Trigonometry, Counting Methods, Probability, Statistics, Personal Financial Management.