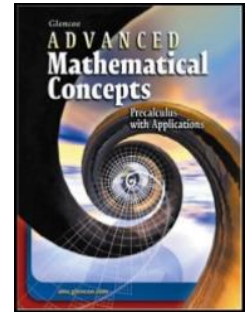


Advanced Math Syllabus



Instructor: Katie Schneider

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Textbook: Advanced Mathematical Concepts

Welcome to Advanced Math! In this course we will be exploring various Algebra II and Precalculus topics through targeted lessons and student collaboration. The purpose of this course is to provide each student with the skills and applications necessary to succeed in higher-level math courses.

Required Supplies

It is imperative that each student obtains the following for daily use in this class. If there is a financial issue with obtaining any or all of the supplies, please let me know.

- Spiral notebook or binder with loose-leaf paper
- Folder
- Graphing calculator (TI-83+ to TI-84+ recommended)
- Pencils
- Straight-edge

Useful Websites

The following websites will be referenced and used on a frequent basis. It is expected that students will familiarize themselves with the sites and know how to access them.

- Ms. Schneider's Web Page: <https://www.fortschools.org/Page/3495>
- Desmos Calculators: <https://www.desmos.com/>
- Google Classroom: <https://classroom.google.com/>

Classroom Expectations

The following apply to all students who enter my classroom to allow for a productive learning environment. Failure to abide by these expectations will result in involving guardians, administrators, and consequences in accordance with the Student Handbook.

- Be on time and be prepared for class
- Respect everyone and maintain a positive attitude
- Do your best and help others do their best
- Keep phones/PED/earbuds/headphones stowed

Help Outside of Class

Do not wait until the day before/day of a test to seek out help! Any time help is needed on homework or to understand a concept, please see me to schedule a time to meet either before/after school, during Enrichment Time, or to get a pass for the Math Lab.

Formative Assessments

Formative assessments are meant to inform students, teachers, and guardians about student understanding of an objective. Because these assessments are taken as students are learning new material, they will not be counted in the overall grade. However, grades for these assessments will still be tracked and reported in the gradebook. Formative assessments include objective quizzes and occasional in-class activities.

Summative Assessments

Summative assessments will be given to determine mastery of the objectives. Each summative assessment will be entered in the gradebook by objective rather than as a chapter test score. These assessments count as 90% of the quarter grade, so it is vital that they are taken seriously. Objective retakes are permitted for students who have all homework completed for the objective and have met with me to review their previous test.

Homework

Homework will be given for each lesson in the form of a chapter packet. These will be due on Chapter Closure days. Other homework includes review packets and occasional sheets for extra practice. Because homework is a vital part of mastering objectives, it will be 10% of the overall quarter grade.

Grading and Assessment

Quarter Grading

Formative Assessments: 0%
Summative Assessments: 90%
Homework: 10%

Semester Grading

Semester Grade: 85%
Final Exam: 15%

Learning Objective Scoring Rubric

<i>Grade</i>	<i>Criteria</i>
A	Advanced understanding of the objective
B	Proficient understanding of the objective
C	Partially proficient understanding of the objective
D	Basic understanding of the objective
F	Below basic understanding of the objective
NP	No level of proficiency but an attempt was made
NE	No evidence of an attempt to show proficiency

Please fill out the information below and obtain your guardian's signature to acknowledge everything stated in this syllabus. This is your first assignment, so be sure to turn it in!

Student Name (please print legibly): _____

Student Signature: _____ Date: _____

Guardian Signature: _____ Date: _____