

GSE Accelerated Pre-Calculus

2017-2018

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TEXT: PRECALCULUS. \$109
Glencoe McGraw Hill, 2010.

COURSE OVERVIEW:

The units for GSE Accelerated Pre-Calculus are as follows:

Semester 1

Unit 1: Functions from a Calculus Perspective with Exponents & Logarithms – Chapters 1&3

Unit 2: Law of Sines and Cosines with Right Triangle Trigonometry – Chapter 4

Unit 3: Trigonometric Functions and the Unit Circle – Chapter 4

Unit 4: Graphing Trigonometric Functions and Inverses – Chapter 4

Unit 5: Trigonometric Identities and Equations – Chapter 5

Semester 2

Unit 6: Systems of Equations and Matrices – Chapter 6

Unit 7: Conics Sections and Parametric Equations – Chapter 7

Unit 8: Vectors – Chapter 8

Unit 9: Polar Coordinates and Complex Numbers – Chapter 9

Unit 10: Sequences and Series – Chapter 10

Unit 11: Probability – Chapter 0

The textbook is to be but one tool used in the instruction of material. Homework will be assigned through the online textbook system and in class practice. Other resources will be used to maximize instruction.

GRADING PROCEDURES:

Tests	50%	A	> 90%
Quizzes	20%	B	80% - 89%
Homework/Participation	10%	C	70% - 79%
Cumulative Semester Exam	20%	F	< 70%

Various class activities, tasks, or projects may be assigned throughout the course and will be graded as a test, quiz or possibly two quizzes depending upon the work required.

Homework will be assigned regularly to support and reinforce classroom instruction. Homework will be graded periodically. It is the student's responsibility to keep current with homework assignments and complete them fully.

MAKE-UP:

The make-up policy concerning tests and quizzes will be followed. An appointment must be made with your teacher to schedule make-up work. Homework can be turned in one day late for an opportunity to earn half-credit. Please consult your student handbook.

SUPPLIES:

A successful mathematics student will need the following supplies: paper, pencils and erasers. A pad of graph paper would be helpful but is not required. A graphing calculator is highly encouraged and will be used regularly throughout the semester, including some assessments.

RECOVERY:

In order to be eligible for recovery a student must have a cumulative average of a 74 or below, be engaged in class, and demonstrate diligent effort. Recovery is available only on tests. The recovery test and original test will be averaged for a maximum grade of a 75. Recovery will not be offered until after the second test of the semester, and recovery must be completed 10 days before the end of the semester. The recovery process must be initiated by the student within five days of the student receiving the graded assignment and completed prior to the next unit test.

HONOR CODE:

As explained in the student handbook, cheating is defined as “the giving or receiving, in any form, information relating to a gradable experience.” Violations of the honor code will result in a zero for the assignment, plus an honor code violation form will be placed in the student’s disciplinary file. Read the handbook carefully to fully understand what constitutes a violation.

Concerning calculator use: The storing and/or use of information not specifically authorized by the teacher on a calculator used on a test, quiz or other graded exercise are a violation of the Honor Code. Also, if a student borrows a calculator from another student in a different class and the calculator has stored information related to the graded exercise, it will be considered an Honor Code Violation.

PARENT/TEACHER COMMUNICATION:

Communication with parents about academic progress, behavior and/or attendance is welcomed and will be handled by phone, email, conference, or a combination of these as the need arises. Home Access Center (HAC) is available for the use of all parents in monitoring a student’s academic progress, attendance, or behavior. Parents, please be sure to have correct email information in HAC. The most efficient way to contact your teacher is through school email.

EXTRA HELP:

Help sessions will be offered per teacher per week. Please talk to your teacher to find out when his/her help sessions are.

*** We do not offer help on a Quiz or a Test day! ***

Note: This syllabus is meant to serve as a guide for the semester. The teacher reserves the right to change or adjust any section of the syllabus during the semester in order to more adequately meet the needs, abilities, and interests of the students.

Thank you- Ashley Farris, Megan Gloede, & Andrea Riker

