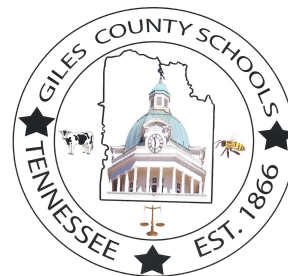


SDC Pre-Calculus-Honors

Syllabus 2026-2027



Teacher Name: Chris Phelps

Email address: cphelps@gcboe.us

Teacher Schedule:

8:00 am – 9:20 am	1st Block - Algebra II Honors
9:20 am – 10:05 am	2nd Block - ACT Prep
10:10 am – 11:30 am	3rd Block - Statistics
11:35 am – 1:25 pm	4th Block - Pre-Calculus Honors
1:30 pm- 2:50 pm	5th Block - Planning

Course Description:

This course provides an in-depth exploration of functions and their applications, designed to prepare students for college-level mathematics. Aligned with the Tennessee State Dual Credit curriculum, students will engage with algebraic, graphical, numerical, and verbal representations of functions, including polynomial, rational, exponential, logarithmic, trigonometric, and inverse functions. Emphasis is placed on modeling real-world scenarios, analyzing function behavior, and building a strong foundation in trigonometry and analytic geometry. Students will also develop skills in problem solving, mathematical reasoning, and technology integration to support conceptual understanding.

Classroom Rules and Expectations:

1. Be Safe
2. Be Prepared
3. Be Respectful
4. Be Responsible
5. Be The Best You Can Be!

Discipline:

1. Warning
2. Student-Teacher Conference
3. Parent Contact
4. Referral to Administration

Students are expected to follow all rules listed in the Giles County Student Handbook

Grading Policy:

- Classwork/Participation 30%
- Quizzes, Tests, & Projects 70%

Make-up Work Policy:

- If you are absent, you must complete missed classwork, homework, quizzes, tests, and projects - missed assignments will be posted in Google Classroom or MyOpenMath.
- Students are responsible to complete missing assignments within the parameters of the school's policy.

Instructional Materials:

PreCalculus: An investigation of functions, Rasmussen/Lippman 2nd Edition

<https://www.opentextbookstore.com/precalc/>.

MyOpenmath- an online platform for homework practice, quizzes, and tests

<https://www.myopenmath.com/index.ph>.

Giles County High School will make instructional materials available for review within 10 days of a written parental request.

Classroom Supply List:

- 2 pocket folders with prongs (homework, handouts, etc.).
- Graphing Calculator (TI-84) - will have access in class; purchase only if financially feasible for use at home.
- Pencils
- Loose-Leaf Paper (college ruled)
- Graph Paper
- Earbuds for Chromebook

Major Assignments and Field Trips (if applicable):

N/A

Standards/Topics Covered & Course Calendar:

Topic 1: Expression and Equations, Topic 2: Inequalities, Topic 3: Functions, Topic 4: Trigonometric Functions, Topic 5: Geometry, Topic 6: Models and Applications