

**GCS High School Virtual Program**  
Course Syllabus  
**FUNDAMENTALS OF COMPUTING**  
Credit: One Unit

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**Course Description:**

This course of study is designed to allow students to explore a variety of computer science topics, such as web design, human computer interactions, programming, and problem solving. Optional topics include mobile applications, robotics, and digital animation. Students will develop critical thinking, logic, and problem solving skills relevant to today's technology.

**Course Standards:**

The course standards for Fundamentals of Computing are based on the standards found in the “[South Carolina State Standards for Fundamentals of Computing \(Course 5023\)](#).” Students who successfully complete Fundamentals of Computing with a passing 60% or higher will have demonstrated the ability, concepts, knowledge, and skills required to meet those course objectives. These course standards will be provided within the syllabus.

**[CodeHS Syllabus](#)**

**Course Outline:**

- Unit 1 - Digital Citizenship and Cyber Hygiene**
- Unit 2 - What is Computing?**
- Unit 3 - Programming With Karel**
- Unit 4 - Karel Challenges**
- Unit 5 - Networks and the Internet**
- Unit 6 - JavaScript and Graphics**
- Unit 7 - Graphics Challenges**
- Unit 8 - Web Design**
- Unit 9 - Computer Science Careers**
- Unit 10 - Final Project**

**Grades:** Student progress is cumulatively assessed each nine weeks in the following way:

60 Percent: Major Grades (Major Tests, Projects, and Major Writing Assignments)

40 Percent: Minor Grades (Formative Assessments, Quizzes)

**Grading Scale:** A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 50-59

\*\*\*A final exam will be given weighing 10% of the final grade for the course.\*\*\*

**Absence/Missed Work Policy:**

Attendance in this class is essential. Much of the material for success is provided through lecture/discussion. Missing class can create problems. Work missed due to an excused absence may be made up within 5 school days (per district and school policy). All work not made up will result in a grade of ZERO. \*\*If a student is absent the day of a test or quiz, it will be taken the first day you return as the assignments are posted on the board at least one week prior to the actual test or quiz date\*\*

**Late Work Policy/Makeup Policy:**

- Work assigned is expected to be completed by the assigned date due.
- It remains the responsibility of the student to turn in work even if it is late.
- 10 point deduction per day will be applied for late work up to five days resulting in a maximum penalty of 50 points.
- Students will have 5 days to make up all missing assignments, including projects, quizzes, tests, and any other assignment deemed a major assignment by the teacher.
- Teachers will handle unique situations on a case-by-case basis, and have the autonomy to determine whether they will accept work beyond the 5 days for credit.

**Minor Work/Homework Policy:**

If you are present when minor work, test, quiz, or homework is assigned, you will be expected to take it at the assigned time (unless new material was covered during an excused absence). Project due dates are non-negotiable. If you are absent on a project due date you will be expected to turn in the completed project and/or present your project on the day you return to school.

**Class Procedures:**

Each student is provided a digital copy of the GCS High School Virtual Program Student Handbook which outlines student expectations for behavior in the classroom. If you have not already done so, please refer to your student handbook to familiarize yourself with behavioral and academic expectations in the virtual classroom environment.

## **Classroom Rules:**

- Be in your seat ready to learn at the scheduled time.
- Come to class prepared everyday.
- Cheating is unacceptable and will be dealt with according to the Student Handbook. This includes looking at another student's work or copying another student's work. Any type of cheating will result in a "0" grade. No questions asked!
  - Plagiarism will not be tolerated on any assignment and, if found guilty of plagiarism, a grade of ZERO will be assigned.
- Please see the Virtual Quiz/Test Procedures below for more information on rules in regards to testing.
- Disruptive behavior is unacceptable—this includes tardiness, rudeness, irrelevant class interrupting, etc. If you want respect, you must show respect to others.
- Stay in the Google Meet until you are dismissed.
- Other rules will be discussed by the teacher in class at any time as needed.

## **Virtual Quiz/Test Procedures**

- Violations of these rules will result in a grade of ZERO on the test or quiz.
- To ensure that all students have the same academic environment for testing, all tests and quizzes will be designated as SILENT.
- You may NOT ask, text, etc. friends and family for answers to questions. There is no justifiable reason for student-to-student conversation during a test or quiz.
- If the test is submitted late, you cannot retake it
- You are bound by the Greenville County Schools Intellectual Contract that your work will be your own and not from someone else
- The teacher will be in the classroom the entire class period to answer any questions about the test.
- If you don't know your student ID then go into the backpack and look under the student profile. You will see your student ID located here.