



Computer Science

Schedule

1st Conference Period (7:20 - 8:12)

2nd Computer Science IV K

Project-based Computer Science: Mobile App Dev K

3rd Computer Science I K

4th Computer Science I K

5th Computer Science I K

6th AP Computer Science Principles

7th AP Computer Science Principles

Course Objectives

AP Computer Science Principles

Introduce students to foundational concepts in computer science including...

Creativity

Abstraction

Data/Information

Algorithms

Programming

The Internet

Global Impact

Computational Thinking

All of which are fundamental skills to prepare the student to be successful in college or in a STEM career.

Course Objectives

Computer Science I K

- Introduce students to the use of computer programming for solving problems.
- Introduce students to problem solving methodologies that can be applied in any field of study.
- Introduce students to multiple programming environments.
- Provide students with opportunities to develop basic programming skills and prepare them for additional studies in computer science.

Course Objectives

Computer Science IV K¹

- Projects-based course focused on solving real-world problems.
- Increase programming skills in a language(s) of choice through the development of games, mobile apps, web apps, and database apps.
- Students submit a formal project plan within first 15 days of school.
- The plan should include the additional languages and technologies that will be utilized along with an overview of the proposed project.

¹ Project-based Computer Science: Mobile App Dev K

Grade Weights

- Check for Understanding (20%)
- Relevant Applications (40%)
- Summative Assessments (40%)

AP courses are 20%, 30% and 50% respectively

Make-Up Work Policy

- Students will be allowed the same number of days to make up their work as the number of days they were absent. Make-up exams will be given before school or after school.
- Late penalties are assessed as follows: 1st through 4th day late: 10 points per day - maximum of 40 points. This is a school-wide policy.
- Work not submitted will receive a grade of Z (zero).

A **Z** in Home Access Center indicates the assignment has not been submitted or was submitted late and has not been graded. Please be patient with the grading of late submissions. Late submissions may take 3-5 school days to get graded.

Work may still be submitted (until the deadline) after a Z is entered.

The **deadline** for submitting assignments is seven school days past the due date (provided there is sufficient time in the grading period). The deadline is the last day an assignment may be submitted (modifications and absences do not extend the deadline). The Z in gradebook will be replaced with a zero (0). Students will not receive credit for work submitted after the deadline.

Assignment Retake Policy

- A student in a Career & Technical Education course that earns a grade that is below a passing level of 70 on an assignment will be given one opportunity per grading period for a Summative Assessments assignment, and at least one opportunity per grading period for a Check for Understanding or Relevant Applications assignment to retake the assignment.
- The retake will be similar to the original assignment.
- This assignment will be completed at the teacher's discretion within one week from the original assignment date and can only be retaken one time.
- A tutoring session may be required prior to the retake.
- The student will be allowed to improve the grade to a maximum of 70%.
- An assignment cannot be retaken during the last week of a grading period.

Test Days and Tutoring

The Career and Technology (CTE) department has even-numbered days reserved for testing days. Tests will be administered on even-numbered days whenever possible.

The Computer Science department offers tutoring on Tuesdays and Thursdays between 3:00 and 3:25. Any student that wishes to attend tutoring should contact their teacher and ensure they will be available during tutoring for the day they wish to attend.

Contact Info

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The easiest way for parents to contact me is via email.

The easiest way for students to contact me is via messaging in Schoology.