2024/25 AP Computer Science Principles

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Course Description

This is an introductory class that teaches students the fundamentals of computer science. A large part is focused on the basics of programming, taught using javascript in the context of web development. Students will build interactive websites and web applications using HTML, CSS, and javascript. The class will also cover other fundamental topics of computer science such as networking, binary, data science and ethics. At the end of the year students are required to complete the AP project and take the AP exam.

Materials

Pencils and paper are expected for taking notes and completing assessments.

Homework

Work should be able to be completed during class hours and any work remaining should be completed at school outside of class hours (lunch/before/after school) taken home to be finished. Homework will never consist of coding. Any homework assigned will be able to be completed with a chromebook.

Participation

Full participation is expected in class. Students are expected to dedicate their full attention during class hours and are not permitted to work on other classes or extracurriculars during class time.

Cell Phone Policy

No cellphones in class unless explicitly allowed by teacher as a tool not a toy.
Parents, please do not call during class time.
Headphones follow the same rules. They are only to be used when approved by the teacher and only using one headphone to still be able to hear the teacher.

Bathroom Policy

One student at a time. Please, trade in your cellphone while you use the bathroom. If missing from class for an excessive amount of time, campus hall monitors will be called to locate the student.

Plagiarism

Students are encouraged to help each other through explanation and guidance, but directly sharing code is considered cheating and will result in both losing credit for the assignment and disciplinary actions.

Grading Policy

Most work will be completed in class, during class time. Work will be divided into the following categories:
- Final Exam (20%)
- Daily Work (40%)
  - These assignments are preparation for future course content and fundamental skills
- Projects (40%)
  - These assignments demonstrate student mastery of course content and skill.

Grading Scale

- A = 89.5% - 100%
- B = 79.5% - 89.4%
- C = 69.5% - 79.4%
- D = 59.5% - 69.4%

Student Signature

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Date

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Parent Signature

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Date

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