

Syllabus - Exploring Computer Science

Teacher: *Mr. Dagler*

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Class Handouts: *bit.ly/mrdagler_ecs*

Course Overview:

Exploring Computer Science is a high school introduction to the world of computer science and problem solving. The three strains interwoven throughout this course are computer science concepts, inquiry, and equity. The six central units are Human Computer Interaction, Problem Solving, Web Design, Command Line Interface, Programming, and Robotics.

Text Book: None

Prerequisites: None

Required Class Materials: Sharpened Pencil and Pen.

Class Policies: All school and district rules/policies are expected and enforced. The two most important rules to me are: you are respectful to yourself and others, and you are engaged and learning the material we are working on in the class.

Grading Policies:

Grades are based on the percent of total points earned from assignments, activities and projects. Points are cumulative for each term. Here is the grading scale for our class:

- A (90%-100%): A student who is excellent in computer science and an outstanding student.
- B (80%-89.9%): A student who is excellent in computer science and an average student, or average in computer science and a great student.
- C (70%-79.9%): A student who is average in computer science and an average student, or excellent in computer science and a poor student.
- D/F (0%-69.9%): A student who needs to retake the course because of poor study skills and lack of effort.

Students are expected to complete and submit their own work. Involvement in any activity for the purpose of copying, cheating or benefiting from work that is not 100% their own will be subject to consequences as outlined in the Academic Code of Conduct.

Privilege Passes:

Students will be issued 3 privilege passes to be used, with teacher approval, whenever they leave the classroom during class. Unused passes may be redeemed for extra credit at the end of the term. Students should have their passes with them daily.



Preparation - Be ready physically and mentally.

Respect - Show consideration, appreciation, and acceptance.

Integrity - Be honest, sincere, and kind in words and actions.

Determination - Set goals and meet expectations.

Empathy - Show the ability to understand and share the feelings of another.

The Computer Science Pathway:

This course is part of a three-year computer science pathway. The courses in order are **Exploring Computer Science**, **AP Computer Science Principles** and **AP Computer Science A**. Each of these courses is a prerequisite of the one before it.

Parent/Guardian and Student Signatures:

Please read this syllabus carefully before signing it, which will serve as a contract between the school and home. Do not detach this portion, return entire sheet to the instructor. If you would like to have a copy of this syllabus, please request one or download it from the class's **GitHub** site. This signed syllabus is due on the first day of the second week for the semester. I and my parent(s) / guardian(s) have read and understand course requirements outlined.

Print Students Name: _____

Signature: _____

Parent/Guardians Name: _____

Signature: _____