

OHHS CTE Department Course Syllabus



Course Name: AP Computer Science Principles

Course Code:

Course Description:

This is a year long Advanced Placement course through which students explore how computer science can be applied throughout our lives including work, play, and social interaction.

Prerequisites

None

Course Resources

Computer Concepts 2016 Enhanced Edition

CodeHS

Code.org

Various Online Resources

Course Fees

None

Course Outline/Instructional Units

Unit 01: Creating A Course Website

Unit 02: Global Impact

Unit 03: Abstraction and Number Systems

Unit 04: Algorithms and How Computers Work

Unit 05: Data and Information

Unit 06: Programming

Unit 07: The Internet and Security

Unit 08: Creativity and Technology

Major Assessments

1. Unit Tests at the end of each Unit
2. Unit Vocab Quizzes
3. Projects
 - a. 3 Practice Explore Tasks
 - b. 3 Practice Create Tasks

Extra Help

Students may come in for extra help on Tuesdays and Thursdays after school.

RE-DO POLICY:

OHHS is an effort based school where we believe all students can learn. We also know that students learn at different rates. Thus, we are implementing a re-do policy that recognizes the needs of individual learners.

- 100% Re-do
 - Assessments (with exception of the Final semester exam)
 - Key Assignments: Evidence that demonstrates mastery of a standard
- Teachers may:
 - require completion of supporting assignments prior to re-do opportunities for students to show they can meet the standard.
 - require students to complete re-do of work outside of class time.
 - limit the number of re-do opportunities for each assignment.
 - assign zero grades when students choose not to do key assignments and/or assessments to standard.
- All opportunities for re-do work will come with a deadline as assigned by the teacher.

Weighted Categories

Set department categories and weighting

Category	Percentage of Overall Grade
Exams Quizzes	90%
Daily Work	10%

Grading Scale:

Advanced Placement Grade Scale	
Grade	Percent
A	90-100
A-	85%-89.99%
B+	83%-84.99%
B	77%-82.99%
C+	73%-74.9%
C	67%-72.99%
C-	65%-66.99%
D	55%-64.99%
F	54.99% and Below

OHHS PLAGIARISM POLICY:

Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, electronic or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the "Late Work Policy" of the teacher where total possible points may be reduced.