

# AP COMPUTER SCIENCE PRINCIPLES COURSE SYLLABUS 2024-2025

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## COURSE INFORMATION:

Advanced Placement Computer Science Principles (AP CSP) is a full-year entry-level course that introduces students to the foundations of modern computing. Code.org is our curriculum provider and has been endorsed by the CollegeBoard. Students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Successful completion of the course allows students to earn college credit with an AP score of level 3 or higher. The AP score is based on a 70-question exam and a programming project called the "Create" task.

## COURSE CONTENT:

1. Unit 3: Intro to App Design	5. Unit 9: Create Task	9. Unit 5: Data
2. Unit 4: Variables, If's, and Functions	6. Browser Dev / JavaScript Certification	10. Unit 8: Cybersecurity
3. Unit 6: Lists, Loops, and Traversals	7. Unit 1: Digital Information	11. Unit 10: Algorithms
4. Unit 7: Parameters and Return Values	8. Unit 2: The Internet	AP Exam - May 15, 2025

Note: The [AP Comp Sci Principles 2024-2025 Calendar](#) has the projected pacing for the course.

## GRADES:

Grade: A=90-100% , B=80-89%, C=70-79%, D=60-69%, F=0-59%	Course Credit: A=6.0, B=4.5, C=3.0, D=1.5, F=0
Categories: Assessments=50% / Assignments=50%	

## ONLINE RESOURCES (FL Dept. of Ed course #0200335):

Course Assignments: <a href="#">Google Classroom</a>	Course & Exam Description: <a href="#">CED (effective Fall, 2023)</a>
Curriculum Provider and Platform: <a href="#">code.org</a>	CollegeBoard Course Info: <a href="#">AP Central for AP CSP</a>
Code.org Detailed Course Syllabus: <a href="#">Curriculum Guide</a>	CollegeBoard Exam Preparation: <a href="#">AP Classroom</a>

## MATERIALS:

- Computer with internet access, paper, pencils and/or pens (98% of the work is completed online)

## LATE WORK / MAKEUP WORK:

Late assignments will receive partial credit only when submitted **within three days of the due date**. Regular attendance is essential for success. Makeup work can be found on Google Classroom and must be completed within three days after an absence to receive credit.

## CLASSROOM / ONLINE RULES:

1. Come prepared. (Be on time, have materials, and have assignments complete and ready on time).
2. Support learning for everyone. (Be polite, helpful, and encouraging; contribute and collaborate; don't distract from learning).
3. Follow directions and remain on task. (Listen carefully, stay focused, and work for the entire period).
4. Abide by the [Student Honor Code](#). (Cheating will result in zero credit).
5. Show respect at all times for yourself, others, materials, and equipment. (Use kind words & take care of things).

I have read and will comply with the course syllabus for AP Computer Science Principles (complete and sign below):

**Student Name** (print): \_\_\_\_\_ **Period:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_

**Parent/Guardian Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_