

## Benefits of the AP Program

AP provides students the opportunity to take university- level classes while still in high school.

AP courses develop college level academic skills by digging deeper into subjects, requiring students to hone their time management and study skills while tapping into their creativity and problem-solving skills.

College credit is awarded if the student passes the AP exam with a 3 or higher.

AP credits are accepted internationally. Always check with potential colleges prior to taking classes.

AP courses stand out in the college admission process because they demonstrate academic rigor.

**AP Scholar** Granted to students who receive scores of 3 or higher on three or more AP Exams.

AP Seminar and Research Certificate is granted to students who earn scores of 3 or higher in both AP Seminar and AP Research.

**AP Capstone Diploma** is awarded to student who earn scores of 3 or higher in AP Seminar and AP research and four additional AP exams of their choosing.

AP Offers additional quality points in the weighted GPA

Passing score on AP US History or AP Government exam may be used to meet the new Civics graduation requirement.

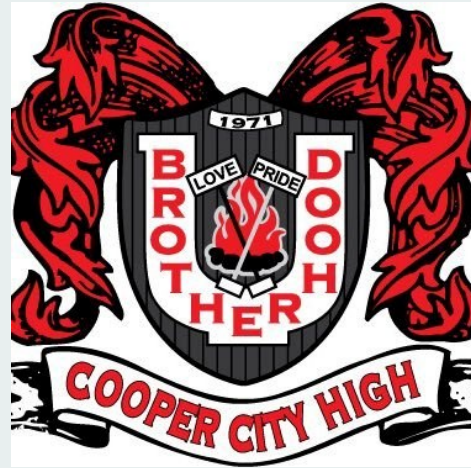
**AP Prepares students for College!**



## Cooper City High School

9401 Stirling Rd  
Cooper City, FL 33328  
(754) 323-0200

**Colors:** Black, White, Red  
**Established:** 1971  
**Mascot:** Cowboy Pete  
**Motto:** "Home of the Cowboys"



**Mrs. Vera Perkovic**  
Principal

Cooper City High School  
*Excellence. Tradition. Pride.*  
Twitter: [@Principal CCHS](#)



## Cooper City High School

*A Tradition of Excellence*

### AP Information Night



**AP CompSci 'A'**  
**AP CompSci Prin.**



Presented by

**Mr. David Schultz**

Computer Science Instructor

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The introduction of **AP Computer Science Principles** in 2016 was the largest course launch in AP Program history. In 2020, nearly 117,000 students took the AP CSP Exam—more than double the number of exam takers in the course’s first year. Since the launch of the course, the number of female AP CSP students has far outpaced overall growth, with an increase of 136% in 2020, and the number of Black and Latinx students taking AP CSP more than doubled. AP Computer Science Principles introduces students to the foundational concepts of the field and challenges them to explore how computing and technology can impact the world.

In **Computer Science ‘A’** you will get familiar with the concepts and tools of computer science as you learn a subset of the Java programming language. You’ll do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks you will get familiar with the concepts and tools of computer science as you learn a subset of the Java programming language. You’ll do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks.

## AP CompSci ‘A’ Course Content

The course content is organized into ten commonly taught units, which have been arranged in the following suggested, logical sequence:

- Unit 1: Primitive Types
- Unit 2: Using Objects
- Unit 3: Booleans
- Unit 4: Iteration
- Unit 5: Writing Classes
- Unit 6: Arrays
- Unit 7: ArrayList
- Unit 8: 2D Arrays
- Unit 9: Inheritance
- Unit 10: Recursion

## AP CompSci Principles Course Content

The course content is organized into five units, referred to as “Big Ideas”. We use several resources including code.org.

Big Idea 1—CREATIVE DEVELOPMENT

Big Idea 2—DATA

Big Idea 3—ALGORITHMS AND PROGRAMMING

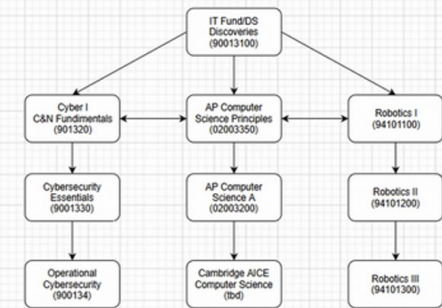
Big Idea 4—COMPUTING SYSTEMS AND NETWORKS

Big Idea 5—IMPACT OF COMPUTING

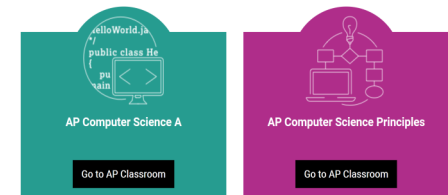
## PREREQUISITES

Before studying advanced topics in Computer Science, all students should complete the IT Fundamentals/CS Discoveries course.

Computer Science Course Flowchart



You need a College Board student account to log into My AP and access AP Classroom. You can also find the quizzes, tests and videos your teacher has assigned to you here. You may already have an account, from registering for SAT tests and viewing AP scores.



CollegeBoard

AP