

AP Computer Science Principles



Prerequisite: Computer Programming I OR PreAP Computer Programming I

Course: 1266CT

Credits: 1 **Length:** 18 weeks **Placement:** 10-12

Course Description

This course will introduce students to the foundational concepts of computer science where students will also get an opportunity to explore how computing and technology can impact the world. The course focuses on creatively solving problems and real-world applications.

Student Activities

Students will work with data, programs and gain a better understanding of the internet and cybersecurity. Students will analyze problems and artifacts, create computational artifacts and communicate and collaborate as part of a team.

What's next?

Consider these courses to further enhance your skills:

- Video Game Design I, II, III
 - Web Technologies
- Computer Maintenance
 - Robotics
 - PLTW Engineering
- Visit Achieve Texas for more information on careers

<http://www.achievetexas.org/Information.htm>

Organizations/After School/Competitions

- Computer Science Students Association
- Game Design Club
- Business Professionals of America
- UIL Computer Science
- FIRST FTC Robotics

