AP Computer Science Principles

Career Cluster: Information Technology
Course: 0A027

Student Benefits

- Students who successfully complete this course will earn AP credit
- Course will engage you in the creative aspects of computer science
- Learn how to code using drag and drop programming language

Course Description

Computer science is everywhere, from our smartphones and video games to music, medicine, and much more. AP Computer Science Principles (AP CSP) can help you understand how computing and technology influence the world around you. Learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life.

AP CSP is approved by The College Board and offers the fundamentals of computing, including problem solving, working with data, understanding the Internet, cybersecurity, and programming. Join us to practice computational thinking.

Course Outline

- Big Idea 1: Creativity
- Big Idea 2: Abstraction
- Big Idea 3: Data and Information
- Big Idea 4: Algorithms
- Big Idea 5: Programming
- Big Idea 6: The Internet
- Big Idea 7: Global Impact