

Programming Pathway

Exploring Computer Science (semester class)

Begin the journey in computer programming

through both block- and text-based coding. Develop games for Android. Explore basic computer science principles.



Home High School
9th Grade Classes

Web Design Pathway

Web Design 1 (semester class)

Create and publish an original website using HTML, CSS and web graphics. Learn about ecommerce and gain knowledgeable about ethics in computer science.



10th Grade Classes

Year Long Classes at CTE Center —Centennial High Campus:



AP Computer Science Principles

Jump into the 7 big ideas of Computer Science and develop computational thinking strategies! Explore the practices and global impact of computer science.



11th Grade Classes

Year Long Classes at CTE Center —Centennial High Campus:

Web Design & Development

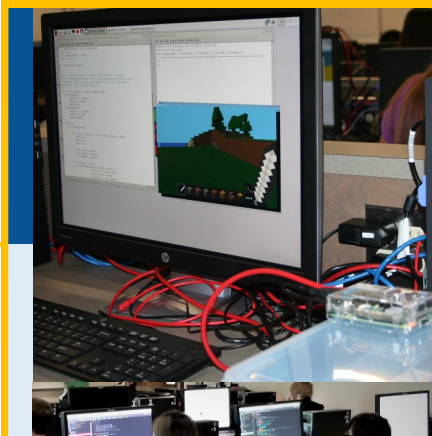
Create highly interactive websites. Go beyond the basics using HTML 5, CSS 3 and JavaScript to add value and creativity while engaging in project-based learning.



AP Computer Science

Do a deep dive into software development skills.

Engage in object-oriented problem solving and programming in software development skills, practices and processes.



12th Grade Classes

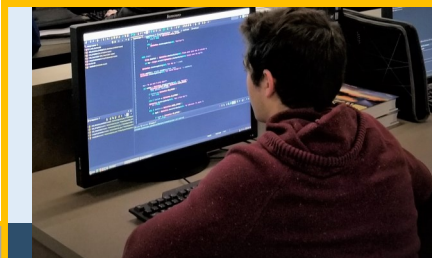
Database Design & Programming

Become a database guru by creating, optimizing and maintaining one. Server access through PHP programming and learn SQL language to complete data extractions.



Advanced Computer Science

Create, test, and analyze code while perfecting object-oriented design that includes inheritance, polymorphism and dynamic binding. Explore data structures, searching and sorting to advance your computer skills.



Advanced Web Design & Development

Become a cyber defender by learning the ever growing and far reaching field of cybersecurity. Be inspired to think and act like a cybersecurity expert while exploring the realm of socially responsible and ethical dilemmas.