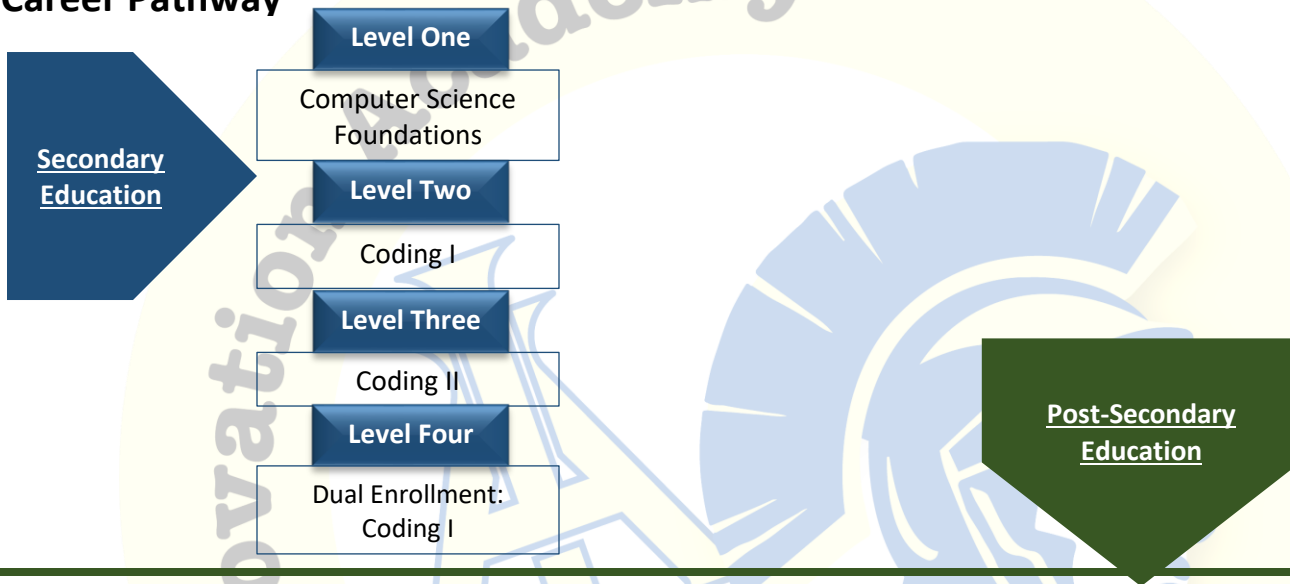


Coding Information Technology

PROGRAM OF STUDY PROFILE

The coding program of study is designed for student interested in computer programming. Students will develop standard programming techniques and learn the logic tools and methods typically used by programmers to create simple computer application including learning how to write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language.

Career Pathway



College Ready

Whether students want to obtain an **associate's**, **bachelor's** to a **master's degree** or want to obtain a **certificate** the options are available.

Austin Peay State University – Computer Information Systems, Assurance and Security, Networking, Software Engineer

Volunteer State Community College – Cyber Defense, Networking, Programming, General Computer Science

University of Tennessee – Computer Science, Computer Engineering, Cyber Security

Tennessee Technological University – Computer Science, Computer Engineering, Artificial Intelligence

Tennessee College of Applied Technology – Computer Information Technology

Career Opportunities

Careers within this program consist of Software Developers, Computer Systems Analyst, Computer Programmers, and Cyber Security. According to the Bureau of Labor Statistics (BLS), the employment outlook for computer programmers has a bright outlook. Computer programming opportunities span across various career pathways depending on the types of responsibilities an individual has when telling a computer what to do. Computer programmers use program design that are developed by engineers and software developers to write instructions for computers to follow. The programmer's job entails refining the ideas solving the problems that arise while converting the program into code.