

COMPUTER PROGRAMMING

Cookeville High School | CTE Programs | Program of Study

High School Classes

Computer Applications:

Introduction to foundational knowledge and skills in theory and application of direct current, alternating current, power supply circuits, networking concepts, system requirements, and equipment installation and testing.

Programming and Logic I:

Students learn the tools for basic computer programming to create simple computer applications, and can solve problems through several complex procedures and analysis.

Programming and Logic II:

Focus on increased complexity to discern among multiple computer languages, development environments, and strategies for the program life cycle through realistic programming projects.

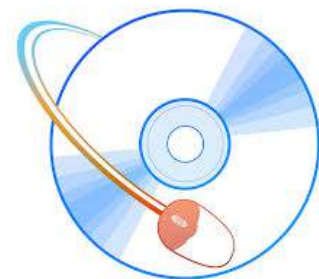
Certifications

CIW JavaScript specialist



Student Opportunities

Students who choose Computer Programming as their program of study could have a career as a software developer, web developer, game designer, database engineer, coder, and many more. They also are given the opportunity to gain leadership skills in class and through complex projects and local and regional competitions. Students gain hands-on practice through supervised real world experiences based on real market issues and interests.



Careers

- ✦ Software Developer
- ✦ Web Developer
- ✦ Game Designer
- ✦ Database Engineer
- ✦ Application Creator

Degrees

Associates: Software Development, Web Development

Bachelors: Computer Science, Software Development, Web Development

Competitions

Our students often have the chance to shine at national Career Development Events and competitions hosted by Skills US Project coding and output, information technology services, game development, and more.



Industry Participants

We are always interested in partnering with local businesses in the community. If you are interested or know someone who is, please don't hesitate to contact us.

