



Computer Technology

One or two-year program open to juniors and seniors who want to work with repair, networking, configuring operating systems, programming, Microsoft software, and application development. Qualified students will acquire the skills to potentially pass the TestOut Pro and CompTIA certifications.

All first year students will start with the CIS167 core class. In addition, the course introduces students to the formal concepts of object-oriented programming including program design, control structures, data structures and algorithms using JavaScript and other programming languages. JavaScript may also be taken as a semester long dual credit course for 3 credits.

As a second year student in the program, students have the possibility of taking CyberSecurity courses, Ethical Hacking and CyberDefense Pro offered through TestOut. These programs are not yet qualified as dual-credit courses, but are preparatory courses for certifications with CompTIA and the EC Council.

15 Dual Credits with SVCC possible: CIS167-A+ Certification, CIS 151-Networking Certification, CIS 250-Beginning Linux, CIS 123-Java Script, CIS 197-Security + Certification (3 credits/course)

Recommended Student Criteria: Students enrolled in Computer Technology will be required to stand, stoop, kneel, crouch and reach while performing typical computer repair work; have hand-eye coordination; handle or feel objects, tools or controls; lift and/or move objects and materials of up to 50 pounds in weight.

