



*“The ECTC Team assists students in developing skills to become independent and self-sufficient adults who will succeed and contribute responsibly in a global community with a high-skill, high-wage, and high-demand career.”*

## **Computer Electronics Technology**

### **Career Cluster: Information Technology**

### **Career Pathways: Network Systems, Programming & Software Development, & Information Support & Services**

- Identify fundamentals and perform basic configuration and optimization through updating and upgrading operating systems.
- Demonstrate the construction of a computer system and build, upgrade, secure, and repair computer hardware and software.
- Design, install, upgrade, and troubleshoot complex computer network systems.

#### **Career Focus:**

Prepared for advanced certification, immediate employment as an IT professional, and further education

#### **Two-Year Course Sequence:**

<b>Year One</b>		
<b>Fall</b>	<b>Information Technology Fundamentals</b>	<b>Networking I</b>
<b>Spring</b>	<b>Computer Management &amp; Support</b>	<b>Networking II</b>
<b>Year Two</b>		
<b>Fall</b>	<b>Computer Management &amp; Support II</b>	<b>Networking III</b>
<b>Spring</b>	<b>Database Design I</b>	<b>Networking IV</b>

#### **Student Organizations:**

SkillsUSA and National Technical Honor Society (NTHS)

#### **Credentialing:**

Microsoft A+ Certification and NOCTI (National Occupational Competency Testing Institute) Exams