

CSIT

Computer Systems and Information Technology



Purpose

The purpose of this program is to prepare students for employment or advanced training in a variety of occupations in the information technology industry.

This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the information technology industry; technical and product skills, underlying principles of technology, planning, management, finance, labor issues, community issues and health, safety, and environmental issues.

Course Objectives

- Explore essential IT concepts, terminology, and components.
- Understand computer hardware, software, and operating systems.
- Gain insights into networking fundamentals and connectivity.
- Learn about data storage, security, and privacy best practices.
- Get hands-on experience with basic troubleshooting and problem-solving.
- Prepare for further IT certifications and career advancement.

Career Opportunities

- Help Desk Technician
- Desktop Support Specialist
- Field Service Technician
- IT Support Specialist
- System Administrator
- And more!

Certifications Offered

- CompTIA IT Fundamentals+
- CompTIA A+
- ITS Device Configuration and Management
- ITS Networking
- ITS Network Security

Projects

- Build computers
- Optimize computer performance
- Water cooling and overclocking
- Virtual Reality
- Augmented Reality
- Custom Gaming Simulators
- Drones

The course content includes, but is not limited to, communication, leadership skills, human relations and employability skills; and safe, efficient work practices.

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