

Employment & Salary Information

According to US Bureau of Labor Statistics, job projections job growth for 2010-20 in the area of computer network and system administration, will be much faster (20-28%) as compared to the average job growth.

The median annual salary range for professionals employed in computer/network related fields:

- Computer support specialists: \$ 35-55, 000
- Network/computer admins: \$ 55-75, 000

Employment Opportunities

A wide range of positions are available to program graduates. Job prospects are very good for graduates with strong technical, communication and teamwork skills, computer network certifications, co-operative and practical experience. The following are a sample of the companies that employ program graduates:

L3 Communications
Lexmark
Peoples Bank
Madison County Schools
Tokico Manufacturing
Toyota Motor Manufacturing
NACCO Material Handling
Bosch Rexroth
Central Baptist
Webasto
Commonwealth Technology

Occupations

Graduates of the computer electronics programs hold job titles such as:

Network Administrator
Network Specialist
Technical Help-desk
Electrical/Electronics Technician
Network Technician
PC Systems Specialist
System Administrator
Computer Support Specialist



Department of Applied Engineering & Technology

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Cyber Systems Technology

Bachelor of Science (BS) Cyber Systems Technology

Concentrations in:

- Network Security & Electronics
- Tech Systems

Associate of Applied Science (AAS) Technology

Specialization in Computer Electronics

Associate of General Studies (AGS)

Concentrations in:

- Computer Networking Systems
- Electricity & Electronics

Minor

Computer Electronics Technology

Departmental Certificate

Cyber Systems and Network Security

Master of Science (MS)

Technology Management, with Specialization in Cyber Systems Tech Security



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NET Programs

Cyber Systems Technology (BS)

Do you enjoy setting up computers systems, networks, electronic gadgets; learning about new technologies such as wireless, online security or gaming systems? Are you looking for a challenging career in this area?

If so, the BS degree in Cyber Systems Technology is for you! As a graduate of this program, you will gain the skills necessary for working with industrial, financial and military organizations in a variety of roles, such as a network administrator, electrical or electronics communications technologist.

The 120 hour curriculum includes courses to help students gain proficiency in computer electronics based systems, network installation and administration Courses in the major are taught using a lectures, hands-on activities and demonstrations. The program also prepares students for professional certifications such as CompTIA A+, Network+, Security+, and Cisco CCNA.

Technology with specialization in Computer Electronics (AAS)

The 60 hour AAS curriculum includes courses in electricity, electronics, computer and networking systems, computer troubleshooting, automation or security.

Computer Electronics Technology (Minor)

The 18 hour minor prepares students in electronics, computer systems, PC communications and security.

Department Information

The Department of Technology is located in the Ralph W. Whalin Technology Complex. It is centrally located on campus and is close to the library, classroom buildings and dormitories. The laboratories housed in the Whalin Complex include: aviation, automation, electronics, computer aided drafting (CAD), graphic communications, quality assurance, metrology, industrial materials, metallic processes, construction estimating, fluid power, computer applications, electricity & electronics programmable logic controllers, microprocessors and advanced networking.

The department has articulation agreements for transfer of credit and cooperation with Bluegrass Community and Technical College in various specializations.

Scholarships

Several university, college and departmental scholarships, such as the Whalin and Sexton scholarships, are available for qualified computer electronics students.

Faculty

Faculty members have excellent academic preparation in their fields and are from diverse backgrounds. They are experienced, enthusiastic and devoted to providing students with the skills necessary to succeed.

Student Organizations

Computer electronics program students have an opportunity to develop extracurricular leadership skills through our student organizations:

- Association of Technology, Management, and Applied Engineering (ATMAE)
- Eastern Student Computer Association (ESCA)

These groups hold meetings discussing computer systems, networking, electronics, PC hardware/software, robotics competitions, organize field trips and invite guest speakers.

FOR MORE INFORMATION CONTACT:

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