COMPUTER INFORMATION TECHNOLOGY BTC

The Basic Technical Certificate (BTC) in Computer Information Technology is a one-semester program of study designed to prepare students for diverse career opportunities in the planning, implementation, security, and maintenance of computer and network communication systems for businesses of all sizes. The program builds the skills needed for roles in technical support and cybersecurity, with training aligned to internationally recognized industry certifications and proprietary systems such as CompTIA, Microsoft, Cisco, Juniper, and Ubiquiti.

Students gain hands-on experience in areas such as microcomputer systems, data communications and security, cybersecurity fundamentals, operating systems, hardware and software analysis, virtualization, and troubleshooting techniques. The curriculum emphasizes the application of these skills in real-world settings using industry-standard tools and best practices.
Note: Some careers in this field may involve background checks and physical requirements that could impact a student's ability to perform certain job functions. Please consult with a program advisor for more information.

Entrance Requirements

- The program admits students each semester (Fall and Spring).
- Enrollment priority is on a first-come, first-served basis as determined by the student's faculty advising date.
- Writing Placement Exam (WPE) score of 2 or higher, or equivalent college placement exam scores.

Upon successful completion of the Computer Information Technology BTC program, students will be able to:

- Attempt industry certification exams including CompTIA A+, and ITF+ (IT Fundamentals).
- Apply industry-standard safety practices and protocols in IT environments, including proper handling of hardware, electrostatic discharge precautions, and cybersecurity hygiene.
- Use diagnostic tools to troubleshoot and maintain computer systems.
- Install, configure, upgrade, and maintain microcomputer hardware, peripherals, and operating systems, including Windows and Linux environments.
- Configure and secure basic Linux systems, utilizing command-line tools for file management, process control, user and group permissions, and shell scripting.
- Understand and apply cybersecurity concepts such as identity protection, social engineering prevention, and incident response.

Minimum Grade Requirement

- Students must earn a grade of C or higher in all required IT courses to receive credit for program graduation.

Program Requirements

Code	Title	Credits
General Education Requirements:		
ENGL-101	WRITING AND RHETORIC I	3.00
Mathematical Ways of Knowing		3.00
Take one of the following:		
IT-231	INFORMATION SYSTEMS I	4.00
IT-271	CYBERSECURITY I	4.00
Total Credits		**14.00**