

COMPUTER INFORMATION TECHNOLOGY

CAREER PATHS

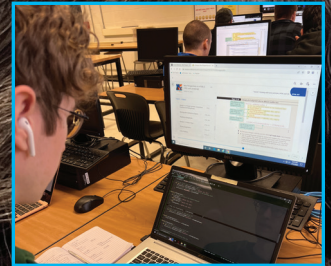
WEB DEVELOPER
I/T NETWORK TECHNICIAN
SYSTEM ADMINISTRATOR
DESKTOP SUPPORT TECHNICIAN
WIDE AREA NETWORK TECHNICIAN
DATABASE ADMINISTRATOR

SALARY

\$60,810*
MEDIAN ANNUAL INCOME

JOB GROWTH

2022-2032: 5%*



SCAN FOR YOUR FUTURE

COMPUTER INFORMATION TECHNOLOGY



PROGRAM OBJECTIVE

The Computer Information Technology Program prepares students as entry-level technicians for the maintenance, repair, and troubleshooting of the hardware and software used in today's local and wide area computer networking and information systems.

READY. SET. WORK.

- Goal 1:** Graduates will possess the appropriate skills needed for entering the Computer Information Technology field.
- Goal 2:** Graduates will learn the importance of good communications skills with all areas of a project.
- Goal 3:** Graduates will develop critical thinking skills for troubleshooting various hardware and software issues.

Applicants are encouraged to arrange a campus visit and a personal information session with a Recruitment Advisor. Appointments may also be made to meet with appropriate faculty and current students.

CAREER OPPORTUNITIES

Typical employers are any business or industry using information technology today. Some examples of these are banks, hospitals, educational institutions, government facilities, mail order facilities, retail chains, school districts, and manufacturing facilities. Students work with current industry standard computers, and computer networks.

PROGRAM COURSES

CREDITS

SEMESTER 1

| | |
|--|---|
| Computer Hardware and Operating Systems | 2 |
| Computer Hardware and Operating Systems Lab | 2 |
| Network Architectures, Principles, and Protocols | 2 |
| Network Architectures, Principles, and Protocols Lab | 1 |
| CompTIA A+ Certification Study Course | 1 |
| Programming for the Enterprise | 3 |
| E-commerce | 3 |
| C Sharp | 3 |
| First-Year Experience | 1 |

SEMESTER 2

| | |
|---|---|
| TCP/IP Network Design Configuration and Maintenance | 2 |
| TCP/IP Network Design Configuration and Maintenance Lab | 1 |
| Linux Networking Service and Support | 2 |
| Linux Networking Service and Support Lab | 1 |
| Information System Security Design and Administration | 2 |
| Information System Security Design and Administration Lab | 1 |
| Database: Principles & Applications | 3 |
| Industry Communication | 3 |
| College Algebra I and Trigonometry | 3 |

SEMESTER 3

| | |
|--|---|
| LAN/WAN Design and Maintenance Principles | 2 |
| LAN/WAN Design and Maintenance Principles Lab | 1 |
| Server and Network Operating System Principles | 2 |
| Server and Network Operating System Principles Lab | 1 |
| Database Management Systems | 3 |
| College Algebra II and Trigonometry | 3 |
| Programming with Scripting Languages | 3 |

SEMESTER 4

| | |
|--|---|
| Web Programming, Client Side Scripting | 2 |
| Web Programming, Client Side Scripting Lab | 1 |
| Advanced Network Operating System Principles | 2 |
| Advanced Network Operating System Principles Lab | 1 |
| Web Programming, Server-Side Scripting | 2 |
| Web Programming, Server-Side Scripting Lab | 1 |
| AWS Cloud Technologies | 3 |
| Internship | 1 |
| Public Speaking | 3 |
| Science Elective | 3 |

MINIMUM CREDITS TO GRADUATE 70

This semester layout is based off of a fall start. Students who start in the spring will be required to attend an additional semester to complete their degree.

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling 570-702-8856 or visit our website johnson.edu to review our requirements.