



PROGRAM YOUR FUTURE
FOR SUCCESS

Information Systems Technology

[DRAFTING + DESIGN]



Computer service professionals support the rapidly changing way people and businesses communicate. Our students learn to install, configure and support local area networks as well as wide area networks. Students also learn to monitor the network to ensure availability, security and website performance.

LEARNING AT WASHBURN TECH

The first two semesters of this half-day program provide a hands-on introduction to the inner workings of computers. Instruction covers computer hardware, Microsoft and Linux network operating systems, directory services, cyber security, Web service, LAN/WAN technologies and messaging services. The final two semesters provide the opportunity to set-up and maintain networking devices such as routers, switches and WAN connections to share data and resources on the network. Upon successful completion, you will earn a 48-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University. Evening classes are also available.

JOB AND SALARY OUTLOOK

Job prospects are excellent, according to the U.S. Department of Labor, as firms continue to rely on computer networks and invest in new technologies. Kansas Department of Labor

reports the entry-level wage for a network and computer systems administrator is \$48.39 an hour or \$100,653 annually. The average salary is \$197,806 a year or \$95.10 an hour.

ENTRY REQUIREMENTS

For dual-credit high school students submission of an application, official partial transcript, and consent to enroll form are required. Adult students must complete an application and submit an official copy of all transcripts. Please see an admissions counselor for details.

CERTIFICATIONS

- + CompTIA A +
- + CompTIA Network +
- + CompTIA Security +
- + Red Hat Certified System Administrator (RHCSA)
- + Administering Windows Server Hybrid Core Infrastructure (Microsoft AZ-800)
- + Cisco Certified Network Associate (CCNA)

Build your best self.

TALK TO AN ADMISSIONS
COUNSELOR TODAY!

785.670.2200

CAREERS IN INFORMATION TECHNOLOGY »

- + hardware engineer
- + data architect
- + solutions architect
- + tech support
- + network administrator
- + computer network architect
- + site reliability engineer
- + computer systems analyst



COURSE DESCRIPTIONS

PC HARDWARE FUNDAMENTALS

Covers the fundamentals of PC hardware technology, networking, laptop and printer operations

PC SOFTWARE FUNDAMENTALS

Learn to install and trouble shoot an operating system using system tools and diagnostic software

FUNDAMENTALS OF COMPUTER NETWORKING

Introduces the fundamental building blocks that form a modern network

NETWORK OPERATING SYSTEMS I & II

Covers Microsoft Windows 2008/2012 operating system and Linux network operating system

NETWORK SECURITY FUNDAMENTALS

Introduces knowledge and skills required to assess the security posture of an enterprise environment and recommend/implement appropriate security solutions

DESKTOP OPERATING SYSTEMS (EVENING)

Introduces operating system basics to give students a deeper understanding of various operating systems

INTRO TO ENTERPRISE NETWORKING & LAB

Introduces the architecture, structure, functions, components and models of the Internet and other computer networks

ROUTING/SWITCHING ESSENTIALS & LAB

Students learn to configure and troubleshoot routers and switches and resolve common issues with standard access control lists and Network Address Translation for IPv4

WORKPLACE SKILLS I & II

Work on cover letters, resumes and interview skills to achieve success in the job market

SCALING NETWORKS & LAB

Learn to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP and STP in both IPv4 and IPv6 networks

CONNECTING NETWORKS & LAB

Covers WAN technologies and network devices; students learn to configure and troubleshoot network devices and resolve common issues with data link protocols, extended and IPv6 access control lists along with Quality of Service (QoS)



APPLICATION CHECKLIST



**SUBMIT
APPLICATION**



**MEET WITH
ADMISSIONS**



**SUBMIT
TRANSCRIPT(S)**



**ENROLL IN
CLASSES**

2024-2025 PROGRAM COSTS (Estimated)

| | HIGH SCHOOL | ADULT |
|----------------|--------------|----------------|
| Tuition | *\$740 | \$7,584 |
| All other fees | \$210 | \$1,546 |
| TOTAL | \$950 | \$9,130 |

*Tiered courses are paid by Excel in CTE. Non-tiered courses are paid by the student.

ADDITIONAL CHARGES (Estimated)

| | HIGH SCHOOL | ADULT |
|-------------|-------------|-------|
| Tools/Books | \$689 | \$689 |

MORE INFO »

For more programs, enrollment and course schedule information, please contact Admissions. Financial Aid is available to those who qualify.

CALL 785.670.2200

TO TALK W/ ADMISSIONS COUNSELOR