

COMPUTER REPAIR & NETWORKING



and be eligible to complete an associate degree or more advanced degrees at Washburn University. Evening classes also are 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 reported the average salary for a network and computer systems administrator in 2015 spanned from \$21.78 an hour or \$45,312 annually to a mid-range of \$28.57 an hour or \$59,432 annually.

Computer service professionals support the rapidly changing ways 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. The world relies on computers and it is up to service professionals to keep them working.

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

Entry Requirements

Students must take the ACT WorkKeys and score a minimum of 5 in both Reading and Math. Other assessments or college coursework can be accepted in place of WorkKeys. Please see a recruiter for details. You also must complete an application and submit transcripts.

Certifications

- CompTIA A+
- Microsoft Cert. Solutions Assoc.
- HIT-001-Healthcare IT Tech
- Cisco Certified Network Assoc.
- Cisco Certified Entry Networking
- CompTIA Network +
- OSHA-10

CONTACT US:

785.670.2200
877.588.7140

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

Washburn University Institute of Technology

5724 SW Huntoon St., Topeka, Kansas 66604 | 785.670.2200 | washburntech.edu



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Course Descriptions

Hardware Fundamentals: covers the fundamentals of PC hardware technology, networking, laptop and printer operational procedures

PC Troubleshooting & Maintenance: learn to describe the internal components of a computer, assemble a computer system, install an operating system and troubleshoot

PC Software Fundamentals: learn to connect computers to the Internet and share resources

Fundamentals of Computer Networking: introduces the fundamental building blocks that form a modern network; provides indepth coverage of the most important concepts in contemporary networking

Network Operating Systems I: covers Microsoft Windows 2008/2012 operating system

Network Operating Systems II: covers Linux network operating system

Fundamentals of Network Security: designed for the IT professional who has networking and administrative skills in Windows-based TCP/IP networks and familiarity with operating systems

CCNA I: learn to build simple LANs, perform basic configurations for routers and switches and implement IP addressing schemes

CCNA I Lab: hands-on course

CCNA II: learn to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPng, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks

CCNA II Lab: hands-on course

Workplace Skills I: learn to create technical summary documents, sets of instructions, technical illustrations and technical presentations

Enterprise Networking: learn to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP and STP in both IPv4 and IPv6 networks

Enterprise Networking Lab: hands-on course

Network Technology Application: covers WAN technologies and network services required by converged applications in a complex network

Network Technology Application Lab: hands-on lab

Workplace Skills II: work on cover letters, a resume and interview skills

CHECKLIST

Meet with recruiter

Take ACT WorkKeys*

Submit transcript(s)

Pay enrollment fee

*some exceptions apply

TOTAL 2017-2018 PROGRAM COSTS (ESTIMATED) - HIGH SCHOOL

Enrollment fee	\$20
Tuition	FREE
All other fees	\$959
TOTAL	\$979

ADDITIONAL ESTIMATED CHARGES

Tools/Books Estimate*	\$1,299
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TOTAL 2017-2018 PROGRAM COSTS (ESTIMATED) - ADULT

Enrollment fee	\$50
Tuition	\$6,048
All other fees	\$959
TOTAL	\$7,057

ADDITIONAL ESTIMATED CHARGES

Tools/Books Estimate*	\$1,299
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* A list of required tools/books is on a separate sheet of paper and on our website, WashburnTech.edu. Students also will need to purchase supplies such as (but not limited to) pens/pencils, notebooks/paper, three-ring binder, etc. Students may purchase them at the vendor of their choice.

