

Networking Technician Concentration (NWTC)

Certificate in Computer and Networking Technology (CERT_CNTD)

Knight Campus, Warwick only

Networks continue to expand in all aspects of our personal activities in business, manufacturing, education and health care. This concentration provides a balanced coverage of technology fundamentals and networking technology. Emphasis is placed on operating principles, networking models, operating systems, internetworking components and industry standards, along with hands-on laboratory activities for developing practical problem-solving skills. Students develop the ability to configure local area networks (LANs) and internetworks using routers and switches. Courses that prepare the student to sit for the Cisco CCENT and CCNA exams are integrated into the program.

Note: All courses in this certificate program can be applied to the Computer and Networking Technology A.A.S. degree (AAS_CNTD). Many courses require prerequisites, corequisites and/or testing. [See course descriptions for details.](#)

RECOMMENDED COURSE SEQUENCE

- First semester: CNVT 1810, 1820; COMI 1840
- Second semester: CNVT 1830, 1840: CNVT 2100 OR COMI 2020

Certificate Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
COMI 1840	Microsoft Windows Server		3
CNVT 1810	Networking Technology	For the Networking Technician concentration, students must take seven-and-a-half week versions of these courses.	3
CNVT 1820	Intermediate Networking	CNVT 1810 must be taken prior to CNVT 1820. For the Networking Technician concentration, students must take seven-and-a-half week versions of these courses.	3
CNVT 1830	LAN Design and Management	CNVT 1820 must be taken prior to CNVT 1830. Seven-and-a-half week courses	3
CNVT 1840	WAN Design and Management	CNVT 1830 must be taken prior to CNVT 1840. Seven-and-a-half week courses	3
CNVT 2100 OR COMI 2020	Basic Voice Over Internet Protocol (VoIP) OR Network Security Software Fundamentals	See course descriptions. It is recommended to complete CNVT 1820 prior to CNVT 2100.	3
Total Certificate Requirements Credits			18
Total Program Credits			18