

# COMPUTER STUDIES AND INFORMATION PROCESSING, NETWORK SUPPORT TECHNICIAN - CERTIFICATE



## NSTC

This program may be completed at the Knight (Warwick) Campus.

Computers and networks continue to expand in all aspects of our personal activities to business, manufacturing, education, and health care. This program provides balanced coverage of technology fundamentals, computer hardware, computer software, and networking technology. Emphasis is placed on operating principles of networking, security, operating systems, and industry standards along with hands-on laboratory activities for developing practical problem-solving skills. Students develop the ability to configure and troubleshoot basic PCs and basic information technology. Integrated into the program are courses that prepare students to sit for the CompTIA and Microsoft Certifications.

**Note:** Students in this program must earn a grade of at least C in all computer course requirements and must maintain a 2.0 GPA. Credits earned in this certificate program can be applied toward the Computer Support Specialist associate degree program. Many courses require prerequisites, corequisites and/or testing. See course descriptions for details (<https://catalog.ccri.edu/course-descriptions/>).

## Program Learning Outcomes

Upon completion of this program, a student will be able to:

1. Show preparation for national exams/certifications.
2. Research information and technologies in networking, virtual machines, computer forensics, and cybersecurity.
3. Comply with today's business and industry standards in networking, virtual machines, computer forensics, and cybersecurity.
4. Demonstrate an understanding of computer hardware and software.
5. Demonstrate critical thinking in problem solving.

## Certificate Requirements

Code	Title	Hours
CNVT 2310	Desktop Technician <sup>1</sup>	3
COMI 1800	Computer Networking Software Linux	3
COMI 2020	Network Security Software Fundamentals	3
COMI 2033	Computer Support: Network and Virtual Machine <sup>2</sup>	3
COMI 2035	Introduction to Computer Forensics	3
COMI 2037	Foundations of Cybersecurity	3
<b>Total Hours</b>		<b>18</b>

<sup>2</sup> Computer Support: Network and Virtual Machine (COMI 2033) is offered in the spring semester only.

## Recommended Course Sequence

Course	Title	Hours
<b>Year 1</b>		
<b>Semester 1</b>		
CNVT 2310	Desktop Technician (Offered in the fall semester only)	3
COMI 1800	Computer Networking Software Linux	3
COMI 2020	Network Security Software Fundamentals (Offered in the fall semester only)	3
<b>Hours</b>		<b>9</b>
<b>Semester 2</b>		
COMI 2033	Computer Support: Network and Virtual Machine (Offered in the spring semester only)	3
COMI 2035	Introduction to Computer Forensics	3
COMI 2037	Foundations of Cybersecurity	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>18</b>