

COMPUTER STUDIES AND INFORMATION PROCESSING, ADVANCED NETWORKING TECHNICIAN - CERTIFICATE



NWAC

Knight Campus, Warwick Only

Students will learn about complex network configurations, diagnostics and troubleshooting techniques. More advanced instructions allow students to gain essential knowledge and skills used to design and implement converged, scalable and secured LANs and WANs. Courses that prepare the student to sit for the CCNP exam are integrated into this program.

Note: This certificate requires completion of the Networking Technician concentration (NWTC) prior to enrollment or permission of the department. All courses in this certificate 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 (<https://catalog.ccri.edu/course-descriptions/>).

Certificate Requirements

Code	Title	Hours
CNVT 2200	Network Security Hardware ¹	4
CNVT 2010	Cisco CCNP Route ²	5
CNVT 2030	Cisco CCNP Switch ³	5
CNVT 2060	CCNP TSHOOT: Cisco IP Network ⁴	5
Total Hours		19

¹ LAN Design and Management (CNVT 1830) must be taken prior to Network Security Hardware (CNVT 2200).

² This course is offered in the Spring semester only.

³ This course is offered in the Fall semester only.

⁴ This course is offered on a demand basis.

Recommended Course Sequence

Course	Title	Hours
Semester 1		
CNVT 2200	Network Security Hardware	4
CNVT 2010 or CNVT 2030	Cisco CCNP Route or Cisco CCNP Switch	5
Hours		9
Semester 2		
CNVT 2010 or CNVT 2030	Cisco CCNP Route or Cisco CCNP Switch	5
CNVT 2060	CCNP TSHOOT: Cisco IP Network	5
Hours		10
Total Hours		19