

COMPUTER STUDIES AND INFORMATION PROCESSING, NETWORKING - CERTIFICATE



CMNC

Knight Campus, Warwick only

The Networking concentration prepares students for careers in modern office environments, emphasizing both client and server technologies. Certificate programs emphasize technical coursework only and do not require the general education electives needed for the associate degree option.

Note: To be awarded this certificate, students must be registered as matriculating in the Computer Studies program and successfully complete all certificate courses with a grade of C or better. Credits earned in this certificate program may be applied toward the associate degree program. Many courses require prerequisites, corequisites and/or testing. See course descriptions for details (<https://catalog.ccri.edu/course-descriptions/>).

Certificate Requirements

Code	Title	Hours
COMI 1100	Introduction to Computers	3
COMI 1150	Programming Concepts	3
COMI 1415	Personal Computer Operating System ¹	1
COMI 1420	Introduction to Spreadsheets	1
COMI 1430	Introduction to Database Software	1
COMI 1451	Introduction to WINDOWS	1
COMI 1461	Introduction to UNIX	1
COMI 1475	Introduction to VISIO	1
COMI 1640	Introduction to Word Processing	1
COMI 1800	Computer Networking Software Linux	3
COMI 1840	Microsoft Windows Server	3
COMP 1200	Database Design & Management	3
COMP 1230	Systems Analysis and Design ²	4
Programming Language Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#Programming/)		3
CNVT/COMI/COMP ³		6
Total Hours		35

¹ This course is offered Fall Semester only.

² Computer Studies Department recommends taking Systems Analysis and Design (COMP 1230) in your final semester.

³ For COMI/COMP/CNVT Electives. See this page (<https://catalog.ccri.edu/programs-study/computer-studies-information-processing/#coursestext>).

Suggested Electives for Network Security Emphasis

Choose **two** from the following: Network Security Software Fundamentals (COMI 2020), Introduction to Computer Forensics (COMI 2035),

Introduction to Computer Ethics (COMI 2036), Introduction to Cybersecurity (COMI 2037)

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
COMI 1100	Introduction to Computers	3
COMI 1150	Programming Concepts	3
COMI 1415	Personal Computer Operating System	1
Hours		7
Semester 2		
COMI 1420	Introduction to Spreadsheets	1
COMI 1430	Introduction to Database Software	1
COMI 1640	Introduction to Word Processing	1
COMI 1800	Computer Networking Software Linux	3
Programming Language Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#Programming/)		3
Hours		9
Year 2		
Semester 1		
COMI 1451	Introduction to WINDOWS	1
COMI 1461	Introduction to UNIX	1
COMI 1840	Microsoft Windows Server	3
COMP 1200	Database Design & Management	3
CNVT/COMI/COMP Elective ¹		3
Hours		11
Semester 2		
COMI 1475	Introduction to VISIO	1
COMP 1230	Systems Analysis and Design	4
CNVT/COMI/COMP Elective ¹		3
Hours		8
Total Hours		35

¹ For a list of CNVT/COMI/COMP electives. See this page (<https://catalog.ccri.edu/programs-study/computer-studies-information-processing/#coursestext>).