

COMPUTER STUDIES AND INFORMATION PROCESSING, GENERAL INFORMATION PROCESSING - CERTIFICATE



CMGC

Knicht Campus, Warwick only

The General Information Processing concentration prepares students for careers in information technology. 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 1420	Introduction to Spreadsheets	1
COMI 1430	Introduction to Database Software	1
COMI 1450	WINDOWS Operating System	3
COMI 2015	Introduction to Microsoft Project	1
COMP 1230	Systems Analysis and Design ¹	4
Programming Language Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#Programming/) ²		3
Electives ³		20
Total Hours		39

¹ Computer Studies Department recommends taking Systems Analysis and Design (COMP 1230) in your final semester.

² Take three credits from programming attribute PROG. See this page (<https://catalog.ccri.edu/academic-information/general-education/course-attributes/#Programming/>). Computer Studies Department recommends Programming Concepts (COMI 1150) as a prerequisite.

³ Take 20 credits from CNVT/COMI/COMP **OR** take one course from ACCT, BUSN, LAWS and the remaining 17 credits from CNVT/COMI/COMP. See Course Descriptions (<https://catalog.ccri.edu/course-descriptions/>).

Suggested Electives for Security Emphasis

Network Security Software Fundamentals (COMI 2020), Introduction to Computer Forensics (COMI 2035), Introduction to Computer Ethics (COMI 2036), Introduction to Cybersecurity (COMI 2037), and take 8 additional credits from CNVT/COMI/COMP (<https://>

catalog.ccri.edu/programs-study/computer-studies-information-processing/#coursestext).

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
COMI 1100	Introduction to Computers	3
COMI 1150	Programming Concepts	3
COMI 2015	Introduction to Microsoft Project	1
Electives ¹		2
Hours		9
Semester 2		
COMI 1420	Introduction to Spreadsheets	1
COMI 1430	Introduction to Database Software	1
Programming Language Elective (https://catalog.ccri.edu/academic-information/general-education/course-attributes/#Programming/)		3
Electives ¹		6
Hours		11
Year 2		
Semester 1		
COMI 1450	WINDOWS Operating System	3
Electives ¹		6
Hours		9
Semester 2		
COMP 1230	Systems Analysis and Design	4
Electives ¹		6
Hours		10
Total Hours		39

¹ Take 20 credits from CNVT/COMI/COMP **OR** take one course from ACCT, BUSN, LAWS and the remaining 17 credits from CNVT/COMI/COMP. See Course Descriptions (<https://catalog.ccri.edu/course-descriptions/>).