

Computer Programming Concentration (CPCT)

Certificate in Computer Studies and Information Processing (CERT_COMI)

Knight Campus, Warwick only

The Computer Programming concentration emphasizes technical coursework only, and does not require the electives needed for the associate degree option. This certificate prepares students for programming positions and gives a broader knowledge of information technology.

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.](#)

RECOMMENDED COURSE SEQUENCE

- Course sequence and prerequisites for major courses are under review. See Computer Studies department faculty for guidance.

Certificate Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
COMI 1100	Introduction to Computers		3
COMI 1150	Programming Concepts		3
COMI 1800 OR COMI 1840	Computer Networking Software OR Windows Server		3
COMI 2015	Introduction to Microsoft Project		1
COMP 1200	Database Design & Management		3
COMP 2430	Operating Systems		4
COMP 1230	Systems Analysis and Design	Computer Studies Department recommends taking COMP 1230 in final semester.	4
Programming Language Sequence		Computer Studies Department recommends COMI 1150 as a prerequisite. Take six-credit sequence of COMI 1510, 2510 OR COMI 1225, 2225	6
Programming Language Electives		Computer Studies Department recommends COMI 1150 as a prerequisite. Take six credits from programming attribute PROG. See this page.	6
COMI/COMP/CNVT	Take three credits from COMI/COMP/CNVT courses.	See course descriptions.	3
Total Certificate Requirements Credits			36
Total Program Credits			36