

## COMPUTER STUDIES &amp; INFORMATION PROCESSING &gt; CERTIFICATES

■ **COMPUTER PROGRAMMING CERTIFICATE (CPCT)***Knight Campus, Warwick only*

The Computer Programming certificate emphasizes technical coursework only and does not require students to take electives that are required in the associate degree option. This certificate is designed for individuals who wish to acquire the training necessary to prepare them for a programming position in the computer field or to gain broader knowledge of the computer field.

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> COMI 1100	Introduction to Computers	3
<input type="checkbox"/> COMI 1150	Programming Concepts	3
<input type="checkbox"/> COMI 1420	Spreadsheets	1
<input type="checkbox"/> COMI 1640	Introduction to Word Processing	1
<input type="checkbox"/> COMI 1800 <b>OR</b> COMI 1840	Computer Networking Software <b>OR</b> Windows 2000 Server	3
<input type="checkbox"/> COMP 1200	Database Design and Management	3
<input type="checkbox"/> COMP 1230*	Systems Analysis and Design	4
<input type="checkbox"/> COMP 2430	Operating Systems	4
<input type="checkbox"/> Programming Languages**	Take 11 credits from Programming Language courses (See course descriptions.)	11
<input type="checkbox"/> COMI/COMP/ CSCO	Take three credits from COMI/COMP/ CSCO courses. (See course descriptions.)	3
<b>Total Certificate Credits</b>		<b>36</b>

\*Take in final semester or with permission of instructor.

\*\* Computer Department recommends COMI 1150 as a prerequisite.

**IMPORTANT:**

*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.*