

■ COMPUTER PROGRAMMING (CPRD)

ASSOCIATE IN SCIENCE (A.S.) DEGREE

Knight Campus, Warwick only

The Computer Programming concentration prepares students to enter a modern programming environment. The program stresses problem definition and solution design using different programming languages in the development of applications.

Important: All students must obtain a grade of at least “C” in all computer course requirements and must maintain a 2.0 GPA .

GENERAL EDUCATION REQUIREMENTS

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> ENGL 1010* OR 2100*	Technical Writing OR Composition I	3
<input type="checkbox"/> Humanities, MATH/Science OR Social Science Elective	See pg. 17 for list of courses that meet this requirement	6
<input type="checkbox"/> MATH Elective*	Any six credits of Math at 1000 level or above	6
<input type="checkbox"/> Social Science Elective	See pg. 17 for list of courses that meet this requirement	3
<input type="checkbox"/> SPCH Elective	Any SPCH course	3
Total General Education Credits		21

* Placement test required

TIPS:

Take a balance of General Education and major requirements each semester.

MAJOR REQUIREMENTS

COURSE NO.	COURSE NAME	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"/> COMP 1200	Database Design and Management	3
<input type="checkbox"/> COMP 2430	Operating Systems	4
<input type="checkbox"/> COMI 1800 OR 1840	Computer Networking Software – Novell OR Windows 2000 Server	3
<input type="checkbox"/> COMP 1230***	Systems Analysis and Design	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
<input type="checkbox"/> ACCT, BUSN, LAWS Elective	Select three credits from Accounting, Business OR Legal Studies	3
<input type="checkbox"/> ETEK 1000	Computer Repair IA+ Hardware	3
Total Major Requirements Credits		42

Total Program Credits

63

** Computer Studies Department recommends COMI 1150 as a prerequisite

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