

Computer Programming

Associate in Applied Science

Required Technical Courses

COCP 1200	Introduction to UNIX	2	COCP 1250	Microcomputer Hardware Support	3
COCP 1201	Microsoft OS Basics	2	COCP 1253	Microsoft Server OS 1	3
COCP 1202	Networking Basics	3	COCP 1258	Visual C/C++ 1	3
COCP 1208	Network Administration 1	2	COCP 1268	Visual C/C++ 2	3
COCP 1209	Workstation Operating System 1	3	COCP 1281	Database Programming	2
COCP 1220	Microcomputer Database	3	COCP 2230	UNIX Administration	3
COCP 1230	Program Design & Development	2	COCP 2266	Assembly Language	3
COCP 1231	Web Development 1	3	COCP 2290	Computer Support Comp Review	4
COCP 1233	OO Analysis and Design	2	PTCG 1225	Job Seeking	1

General Education Courses

ENGL 1276	College Composition	4
MATH 1260	College Algebra	3
SPCH 1270	Introduction to Speech	3
General Education Electives		6

A.A.S. Degree Total Credits

63

Suggested Program Sequence

Fall Semester (1st year)

COCP 1200	Introduction to UNIX	2
COCP 1201	Microsoft OS Basics	2
COCP 1202	Networking Basics	3
COCP 1208	Network Administration 1	2
COCP 1209	Workstation Operating System 1	3
COCP 1230	Program Design & Development	2

Fall Semester (2nd year)

COCP 1268	Visual C/C++ 2	3
COCP 1281	Database Programming	2
COCP 2230	UNIX Administration	3
ENGL 1276	College Composition	4
MATH 1260	College Algebra	3

Spring Semester (1st year)

COCP 1220	Microcomputer Database	3
COCP 1250	Microcomputer Hardware Support	3
COCP 1253	Microsoft Server OS 1	3
COCP 1258	Visual C/C++ 1	3
PTCG 1225	Job Seeking	1
General Education Elective		3

Spring Semester (2nd year)

COCP 1231	Web Development 1	3
COCP 1233	OO Analysis and Design	2
COCP 2266	Assembly Language	3
COCP 2290	Computer Support Comp Review	4
SPCH 1270	Introduction to Speech	3
General Education Elective		3

Developmental courses may be required depending on educational background and/or assessment scores. Developmental courses do not fulfill graduation requirements and are required as prerequisites for some courses. The requirements of this program are subject to change without notice.

Effective beginning Fall semester, August 2005, rev. Nov. 2007

Approved by PTC Curriculum Committee 04/19/05 and MnSCU Board 06/01/05