

# Virtual Reality (Applied Gaming and Computer Visualization)

## Associate in Applied Science

### Required Technical Courses

COCP 1200	Introduction to UNIX	2
COCP 1201	Microsoft OS Basics	2
COCP 1202	Networking Basics	3
COCP 1230	Program Design & Development	2
COCP 1233	OO Analysis and Design	2
COCP 1235	Multimedia Design Fund	3
COCP 1243	Intro to Computer Graphics	3
COCP 1244	Virtual Reality 1	3
COCP 1250	Microcomputer Hardware Support	3
COCP 1258	C/C++ Programming 1	3
COCP 1268	C/C++ Programming 2	3
COCP 1291	Intro to Computer Animation	3
COCP 2266	Assembly Language	3
COCP 2279	Virtual Reality 2	3
COCP 2282	Immersive Systems	3
PTCG 1225	Job Seeking	1

### General Education Courses

ENGL 1276	College Composition	4
ENGL 2280	Introduction to Creative Writing	3
MATH 1260	College Algebra	3
PSYC 1200	Psychology	3
SPCH 1270	Introduction to Speech	3
	General Education Elective	3

**A.A.S. Degree Total Credits 61**

### Suggested Program Sequence

#### Fall Semester (1st year)

ENGL 1276	College Composition	4
MATH 1260	College Algebra	3
COCP 1200	Introduction to UNIX	2
COCP 1201	Microsoft OS Basics	2
COCP 1202	Networking Basics	3
COCP 1230	Program Design & Development	2

#### Fall Semester (2nd year)

PSYC 1200	Psychology	3
COCP 1235	Multimedia Design Fund	3
COCP 1243	Intro to Computer Graphics	3
COCP 1244	Virtual Reality 1	3
COCP 1268	C/C++ Program 2	3

#### Spring Semester (1st year)

SPCH 1270	Introduction to Speech	3
ENGL 2280	Intro to Creative Writing	3
COCP 1250	Micro Hardware Support	3
COCP 1258	C/C++ Program 1	3
General Education Elective		3

#### Spring Semester (2nd year)

PTCG 1225	Job Seeking	1
COCP 1233	OO Analysis and Design	2
COCP 1291	Intro Computer Animation	3
COCP 2266	Assembly Language	3
COCP 2279	Virtual Reality 2	3
COCP 2282	Immersive Systems	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 2007

Approved by PTC Curriculum Committee 2/7/07, 1/24/07 and MnSCU Board 06/08/07