

EDINBORO UNIVERSITY OF PENNSYLVANIA
 CURRICULUM REQUIREMENTS
 Bachelor of Science
Major: Computer Science
Concentration: Game & Virtual World Development (0441)

Student: _____

ID#: @ _____

Term: _____

I. GENERAL EDUCATION (44 SH)			
		SH	Grade
A. Skills (13 SH)			
ENGL101	College Writing Skills	3	_____
ENGL102	Writ/Research Skills	3	_____
MATH107	Precalculus	4	_____
CSCI125	Intro to Computer Science	3	_____
B. Core (22 SH)			
1	Artistic Expression	(3 SH)	_____
2	World Civilizations	(3 SH)	_____
3	American Civilizations	(3 SH)	_____
4	Human Behavior	(3 SH)	_____
5	Cult Div. & Social Plur	(3 SH)	_____
6	Ethics	(3 SH)	_____
7	Natural Science	(4 SH)	_____
	PHYS201 Physics I	4	_____
C. Distribution (9 SH)			
1	Humanities & Fine Arts	(3 SH)	_____
2	Soc & Behav Sciences	(3 SH)	_____
3	Science & Math	(3 SH)	_____
	MATH275 Linear Algebra I	3	_____

II. SPECIALIZATION: COMPUTER SCIENCE (34 SH)			
		SH	Grade
A. Computer Science Core (15 SH)			
CSCI130	Principles of Programming I	3	_____
CSCI230	Principles of Programming II	3	_____
CSCI312	Computer Architecture	3	_____
CSCI330	Object Oriented Programming	3	_____
CSCI385	Data Structures & Algorithms	3	_____
B. Computer Science Concentration (15 SH)			
CSCI340	Game Programming	3	_____
CSCI360	Intro to Graphics	3	_____
CSCI370	Artificial Intelligence	3	_____
CSCI440	Game Design & Development	3	_____
CSCI485	Senior Project in Game	3	_____
C. Computer Science Electives (4 SH)			
3 to 4 credits can be CSCI496.			
All credits must be 300 level or higher.			
_____		_____	_____
_____		_____	_____

III. REQUIRED MATH (14 SH)			
		SH	Grade
MATH211	Analytic Geom & Calc I	4	_____
MATH212	Analytic Geom & Calc II	4	_____
MATH270	Discrete Mathematics I	3	_____
STAT300	Applied Statistics	3	_____

IV. REQUIRED ART (12 SH)			
		SH	Grade
ART102	Three-Dimensional Design	3	_____
ART268	Animation I	3	_____
ART249	Computer Animation I	3	_____
ART348	Computer Animation II	3	_____

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.

V. FREE ELECTIVES (16 SH)			
		SH	Grade
_____		_____	_____
_____		_____	_____
_____		_____	_____
_____		_____	_____
_____		_____	_____

TOTAL	(120 SH)
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Note: At least 42 semester hours must consist of advanced coursework.

*A grade of "C-" or better must be obtained in all required CSCI, MATH, & STAT courses.

*A maximum of 12 CSCI credits may be transferred into this degree program.

(Revised: September 2019; Approved: December 2019)
 (Effective: Winter 2020)