

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
Major: Computer Science
Concentration: Cybersecurity (0415)

Student: _____

ID#: @ _____

Term: _____

I. GENERAL EDUCATION (42 SH)

		SH	Grade	Date
--	--	----	-------	------

A. Skills (12 SH)

ENGL101	College Writing Skills	3		
ENGL102	Writ/Research Skills	3		
MATH105	College Algebra	3		
CSCI125	Intro to Computer Science	3		

B. Core (21 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	(3 SH)		

C. Distribution (9 SH)

1	Humanities & Fine Arts	(3 SH)		
2	Soc & Behav Sciences	(3 SH)		
3	Science & Math	(3 SH)		
	MATH270 Discrete Math I	3		

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.

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.

(Approved: December 2019)

(Effective: Winter 2020)

II. SPECIALIZATION: COMPUTER SCIENCE (54 SH)

		SH	Grade	Date
--	--	----	-------	------

A. Computer Science Core (18 SH)

CSCI130	Principles of Programming I	3		
CSCI230	Principles of Programming II	3		
CSCI277	Intro to Cybersecurity	3		
CSCI312	Computer Architecture	3		
CSCI330	Object Oriented Programming	3		
CSCI385	Data Structures & Algorithms	3		

B. Computer Science Concentration (30 SH)

CSCI280	PC System Operation & Admin	3		
CSCI311	Script & Systems Programming	3		
CSCI325	Web Server Admin	3		
CSCI377	Secure Software Development	3		
CSCI380	Operating Systems	3		
CSCI419	Cryptography & Data Security	3		
CSCI425	Network Systems Admin	3		
CSCI475	Data Comm & Network	3		
CSCI477	Network Security	3		
CSCI487	Cybersecurity Policy/Issues	3		

C. Computer Science Electives (6 SH)

Must be CSCI 123 or higher.

III. REQUIRED MATH (6 SH)

MATH208	Essentials of Calculus	3		
STAT300	Applied Statistics	3		

V. FREE ELECTIVES (18 SH)

		SH	Grade	Date
--	--	----	-------	------

TOTAL (120 SH)