

# College of Emergency Preparedness Homeland Security and Cybersecurity

Mohawk Valley Community College Computer Science					University at Albany Emergency Preparedness, Homeland Security and Cybersecurity B.A. or B.S.				
Course #	Course Title	SUNY Gen Ed	Major or Pathway	Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed	Major or Pathway	Credits Accepted
				1					0
CF100	College Foundations Seminar (1)			3	QNCRE00	No Credit Given at UAlbany			3
CI110	Principles of Programming			3	ICSI 201	Introduction to Computer Science			3
CI130	Programming in C++			3	ICSIE00	Computer Science Elective – no credit given in major/minor			3
EN101	English 1: Composition	X		4	ANEG 100Z	Introduction to Analytical Writing	X		4
MA151	Calculus 1	X		3	AMAT 112	Calculus I	X		3
	Core GE Social Science (A)	X		.5		SUNY Gen Ed Social Science			.5
	Physical Education					General Elective Credit			
				3					3
CI230	Data Structures	X		3	ICSI 213	Data Structures	X		3
EN102	English 2: Ideas & Values in Literature	X		4	AENG 121	Reading Literature	X		4
MA152	Calculus 2	X		4	AMAT 113	Calculus II			3
PH115	Science of Multimedia			3	ACASE10	100-Level Arts and Sciences Elective			3
	GE Social Science (A)	X		.5		SUNY Gen Ed Social Science	X		.5
	Physical Education					General Elective Credit			
				4			X		4
	Physics Elective (B)	X		3		SUNY Gen Ed Science			3
CI245	JAVA Programming			3	ICSI 205	Object Oriented Programming for Data Processing Applications			3
CI285	Systems Operations & Management			4	BFOR 419	System Administration & Operating Systems Concepts			4
MA275	Discrete Algebraic Structures			.5	ICSI/ICEN 210	Discrete Structures			.5
	Physical Education					General Elective Credit			
				3					3
CI260	Microcomputer Programming			3	ICSIE00	Computer Science Elective – no credit given in major/minor			3
CI271	Database Design & Implementation			4	BFOR 205	Introduction to Database Systems	X		4
	Physics Elective (B)	X		3		SUNY Gen Ed Science			3
	Elective (C)			.5		General Elective Credit			.5
	Physical Education					General Elective Credit			
									61
<b>Total Credits Eligible for Transfer</b>									
<b>Additional Required and Elective Courses for the Major at UAlbany</b>									
					CEHC/RPAD 101	Introduction to Emergency Preparedness, Homeland Security and Cybersecurity (2)	X	X	3
					CEHC 210	Critical Inquiry and Communication		X	3
					CEHC 242	Cybersecurity		X	3
					CEHC 310	Advanced Research in Emergency Preparedness, Homeland Security and Cybersecurity		X	3
					CEHC/RAPD/RPOS 343	Homeland Security		X	3
					CEHC 344	Emergency Preparedness		X	3
					CEHC 345	Leadership and Ethics		X	3
					CEHC 390	Internship in Emergency Preparedness, Homeland Security and Cybersecurity		X	3
					CEHC 410	Applied Emergency Preparedness, Homeland Security and Cybersecurity Capstone		X	3
						Non-credit training in Emergency Preparedness, Homeland Security and Cybersecurity (3)		X	0
						Concentration (4)		X	12
						Elective Credits Required for Degree Completion		X	0-2
						A Minor is required at UAlbany		X	18-24
					Minor				
<b>Total credits required for degree completion at MVCC</b>				<b>62</b>	<b>Total Credits required at UAlbany</b>				<b>59-63</b>

(A)GE Social Science (choose one): AN 101, BM 101, GE 101, PS 101, PY 101, or SO 101  
 (B) Physics Elective (choose one sequence): PH 151 & PH 152 or PH 261 & PH 262

(C)Elective: with permission of advisor

(1)The University at Albany does not accept transfer credit for College Foundations Seminar courses.

(2)This course meets the UAlbany 'Challenges of the 21<sup>st</sup> Century' requirement.

(3)Students must complete 100 hours of experiential training. Student must complete the minimum number of hours required in each training tier as follows: Foundations – 30 hours; Professional Development – 20 hours; Community Engagement – 15 hours; and Concentration Specific – 35 hours. Up to 40 hours of this training can be transferred in (4)Students must take 12 credits within one of the following Concentrations: Emergency Preparedness (BA), Homeland Security (BA), or Cybersecurity (BS). 6 credits must be lower level credits, and 6 credits must be upper level credits.

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<b>Total Credits Applied to Program</b>				<b>61</b>
<b>Total Credits Required for Degree</b>				<b>120-124</b>

A transfer student admitted to the University at Albany who has completed his/her A.A. or A.S. degree will be given credit for meeting SUNY's General Education requirements.

COURSE with Equivalencies:

Cybersecurity Concentration: CI 104 = BFOR 100, CI 112 = BFOR 203, CI 232 = BFOR 204

Emergency Preparedness Concentration: BI 105 = AENV 105, PS 102 = RPOS 140

Homeland Security Concentration: CJ 101 = RCRJ 201, CJ 204 = RCRJ 203, PS 102 = RPOS 140