

CYBERSECURITY – B.S. – CAPITOL TECHNOLOGY UNIVERSITY

Students from CCR.I who receive a Cybersecurity-A.S. will be eligible to enter the Cybersecurity-B.S. program at Capitol Technology University.

COURSE NUMBER, TITLE and NUMBER of CREDITS		COURSE NUMBER, TITLE and NUMBER of CREDITS	
Programming and Computer Courses 33 Cr		English, Humanities, & Social Sciences 21 Cr	
CS-120 Intro to Programming Using Python (3)		EN-101 English Communications I (3)	ENGL 1010
CS-150 Intro to Programming Using C (3)		EN-102 English Communications II (3)	Humanities ENGL 2010
CS-200 Intro to Object Oriented Prog C++ (3)	COMI 1240	HU-331 Arts and Ideas (3)	
CS-220 Database Management (3)	COMP 1200	SS-351 Ethics (3)	COMI 2036
CS-230 Data Structures (3)		Humanities Elective (3)	Humanities Elective
CS-250 Intro to Network Programming Using C (3)		Humanities Elective (3)	
CS-300 Secure Coding (3)		Social Science Elective (3)	Social Science Elective
CS-418 Operating Systems (3)			
CT-152 Introduction to Unix (3)	Note 1	Management Courses 9 Cr	
CT-240 Internetworking w/Routers/Switches (3)	CNVT 1820	BUS-101: Introduction to Data Science (3)	
NT-150 Introduction to Networking (3)	CNVT 1810	BUS-174 Introduction to Business and Management (3)	Social Sci BUSN 1010
		BUS-301 Project Management (3)	
Information Assurance Courses 33 Cr		Mathematics & Science Courses 12 Cr	
IAE-201 Introduction to IA Concepts (3)	CNVT 2200	MA-112 Intermediate Algebra (3)	Note 1
IAE-250 Comprehensive Computer/Network Security (3) (Formerly IAE-301)	COMI 2037	MA-124 Discrete Math (3)	MATH-1139
IAE-260 Secure Sys Admin & Operation (UNIX O/S) (3) (Formerly IAE-315)	COMI 1800	MA-128 Introduction to Statistics (3)	MATH 1240
IAE-321 Applied Wireless Network Security (3)		Science Elective (3) (AE-150, CH-120, PH-201)	
IAE-325 Secure Data Communications and Cryptography (3)			
IAE-390 Penetration Testing (3) (Formerly IAE-410)	COMI 2038	General Electives 12 Cr	
IAE-402 Intro to Incident Handling/Malicious Code (3)		1. (3)	CNVT 1830
IAE-405 Malware Analysis/Reverse Engineering (3)		2. (3)	COMI 1150
IAE-406 Digital Forensics and the Investigative Process (3)	COMI 2035	3. (3)	CYBR 1100
IAE-457 Senior Design Project I (3)		4. (3)	COMP 2500
IAE-458 Senior Design Project II (3)			
Evaluated by (list below):		Schools transferred in from:	
1.		T1= CCRI T2=	
Student First Name:		T3 = T4 =	
Initial:			
Last Name:		NOTE 1: 60 credits transfer; Capitol can accept up to 70 credits;	
		Recommend COMI 1800 = CT 152, MATH 1200 = MA 112; Humanities Elective #2	

For easy transfer, please take the following General Education Electives:

Math/Science: take Math-1240: Statistical Analysis 1

Social Science: BUSN-1010: Introduction to Business and one of your choosing (BUSN-2060 need to inform Chairperson of Computer Studies at CCRI)

Humanities: Two of your choosing (ENGL-2010 need to inform Chairperson of Computer Studies at CCRI)

Capitol Technology University
Transfer Merit Scholarship

Credits/GPA	AA or Higher	60+ Credits	48+ Credits	36+ Credits	24+ credits	12+ Credits
4.0	\$12,000	\$12,000	\$12,000	\$11,500	\$11,000	\$10,500
3.9	\$12,000	\$12,000	\$11,500	\$11,000	\$10,500	\$10,000
3.8	\$12,000	\$11,500	\$11,000	\$10,500	\$10,000	\$9,500
3.7	\$11,500	\$11,000	\$10,500	\$10,000	\$9,500	\$9,000
3.6	\$11,000	\$10,500	\$10,000	\$9,500	\$9,000	\$8,500
3.5	\$10,500	\$10,000	\$9,500	\$9,000	\$8,500	\$8,000
3.4	\$10,000	\$9,500	\$9,000	\$8,500	\$8,000	\$7,500
3.3	\$9,500	\$9,000	\$8,500	\$8,000	\$7,500	\$7,000
3.2	\$9,000	\$8,500	\$8,000	\$7,500	\$7,000	\$7,000
3.1	\$8,500	\$8,000	\$7,500	\$7,000	\$7,000	\$6,500
3.0	\$8,000	\$7,500	\$7,000	\$7,000	\$6,500	\$6,000

effective Spring 2023