Computer Network Engineering Technology - Cyber-Security Major

Engineering & Information Technologies

2022-2023 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CIT-190	Career Preparation: Engineering & Information Tech		1	0	1
ENG-101	English Composition 1		3	0	3
FYE-XXX	First Year Experience Elective		1	0	1
MAT-131	Statistics 1		2	2	3
MGT-130	Project Management		3	0	3
NETC-121	Network Communications 1		2	2	3
					14
Semester 2					
NETA-155	Server Administration	NETC 121, OR IT 105 and IT 115	3	2	4
NETC-122	Network Communications 2	NETC 121	2	2	3
NETC-170	Governance and Management of IT	MGT 130, NETC 121	3	3	4
XXX-XXX	Arts/Humanities or Social/Behavioral Sci Elective		3	0	3
					14
Semester 3					
XXX-XXX	Cooperative Education or Transfer Elective 1		1	40	2
					2
Semester 4					
COMM-110	Public Speaking	ENG 101	3	0	3
ENG-10X	English Composition Elective	ENG 101	3	0	3
NETC-180	Information Risk Management	NETC 122, NETA 155	3	3	4
NETC-230	Network Security Design	NETC 121	2	3	3
XXX-XXX	Natural/Physical Science Elective	See Catalog	2	2	3
					16
Semester 5					
IT-215	Scripting	NETA 155	2	2	3
NETC-240	Emerging Topics in NETC	NETC 122, NETA 155	2	3	3
NETC-280	IT Documentation	ENG 101, NETC 170	3	3	4
NETC-290	NETC Capstone	See Catalog	2	2	3
					13
Semester 6					
XXX-XXX	Cooperative Education or Transfer Elective 2		1	40	2
					2
				Total	**61**

Art/Humanities or Social/Behavioral Science Elective: ECO 105, PHI 110, PSY 110, SOC 105

Cooperative Education or Transfer Elective: NETC 291, NETC 292, IT 101, IT 110, IT 111, IT 115, IT 161. Program chair approval is required for students planning to take a Transfer Elective course rather than participate in cooperative education.

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

First Year Experience: FYE 100, FYE 105, FYE 110

Natural/Physical Sciencess Elective: Any course from BIO, CHE, EVS, PHY, PSC