

# Computer Network Engineering Technology

## Center for Innovative Technologies Division

2018-2019 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
CIT-190	Career Preparation: Engineering & Information Tech		1	0	1
EET-131	Circuit Analysis 1		3	2	4
ENG-101	English Composition 1		3	0	3
FYE-XXX	First Year Experience Elective		1	0	1
MAT-125	Algebra & Trigonometry		3	2	4
NETC-121	Network Communications 1		2	2	3
					16

Semester 2					
EET-121	Digital Systems 1	MAT 121 (see catalog)	2	2	3
EET-132	Circuit Analysis 2	MAT 125, EET 131	3	2	4
MAT-126	Functions & Calculus	MAT 125 (min. grade C)	3	2	4
NETA-155	Server Administration	NETC 121, OR IT 105 and IT 115	3	2	4
					15

Semester 3					
XXX-XXX	Cooperative Education or Transfer Elective 1		1	40	2
					2

Semester 4					
EET-122	Digital Systems 2	EET 121	2	3	3
NETC-122	Network Communications 2	NETC 121	2	2	3
NETC-230	Network Security Design	NETC 121	2	2	3
PHY-151	Physics 1: Algebra & Trigonometry-Based	PHY 150 or MAT 125	3	3	4
					13

Semester 5					
ENG-10X	English Composition Elective	ENG 101	3	0	3
NETC-240	Emerging Topics in NETC	NETC 122, NETA 155	2	3	3
NETC-290	NETC Capstone	See Catalog	2	2	3
XXX-XXX	Arts/Humanities/Social/Behavioral Science Elective	See Catalog	3	0	3
					12

Semester 6					
XXX-XXX	Cooperative Education or Transfer Elective 2		1	40	2
					2

Total **60**

Arts/Humanities/Social/Behavioral Science Elective: PHI 110, PSY 110, SOC 105

Cooperative Education or Transfer Elective: NETC 291, NETC 292, ESET 251, EMET 240, EMET 250, 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