Electrical Engineering Technology - Electronics Systems Major

Engineering & Information Technologies

2022-2023 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
EET-100	Introduction to Electrical Engineering Technology		1	2	**2**
ENG-101	English Composition 1		3	0	**3**
FYE-1XX	First Year Experience Elective		1	0	**1**
IT-1XX	Programming Elective		2	3	**3**
MAT-XXX	Mathematics Elective 1		3	2	**4**
					13
Semester 2					
CIT-190	Career Prep: Information & Engineering Tech		1	0	**1**
EET-131	Circuit Analysis 1	Appropriate MAT level	3	2	**4**
ENG-10X	English Composition Elective	ENG 101	3	0	**3**
MAT-XXX	Mathematics Elective 2		3	2	**4**
					12
Semester 3					
EET-132	Circuit Analysis 2	EET 131, MAT 125	3	2	**4**
EET-291	Full-time Cooperative Education 1: EET	CIT 190	1	40	**2**
					6
Semester 4					
EMET-XXX	Electro-Mechanical Engineering Tech Elective	See Catalog	2	3	**3**
ECO-1XX	Economics Elective		3	0	**3**
EET-121	Digital Systems 1	EET 131, MAT 124	2	3	**3**
ESET-251	Electronics	EET 132	3	3	**4**
					13
Semester 5					
NETC-121	Network Communications 1	MAT 124	2	2	**3**
EET-122	Digital Systems 2	EET 121	2	3	**3**
ESET-220	Microprocessor Systems	EET 122	2	3	**3**
PHY-XXX	Physics Elective		3	2	**4**
					13
Semester 6					
ESET-290	ESET Capstone Project	EET 122, EET 251	2	4	**4**
EET-292	Full-time Cooperative Education 2: EET	EET 291	1	40	**2**
					6
				Total	**63**

Economics Elective: ECO 105, ECO 110

Electro-Mechanical Eng Tech Elective: EMET 141, EMET 180, EMET 245, EMET 252, EMET 270

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

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

Mathematics Electives: Take one of the following series: MAT 125 and MAT 126; or MAT 251 and MAT 252

Physics Elective: PHY 151, PHY 201

Programming Elective: IT 100, IT 101