

Cincinnati State Technical and Community College

Electrical Engineering Technology

AAS

REQUIRED COURSES:	Semester Hours
Semester One	
EET 131 Circuit Analysis 1	4
ENG 101 English Composition 1	3
FYE 1XX First Year Experience Elective	1
MAT XXX Mathematics Elective 1	4

Semester Two	
EET 121 Digital Systems 1	3
EET 132 Circuit Analysis 2	4
CIT 190 Career Preparation: Engineering and Information Technologies	1
MAT XXX Mathematics Elective 2	4

Semester Three	
EET 291 Full-time Cooperative Education 1: Electronics Engineering Technology	2
NETC 121 Network Communications 1	3
PHY XXX Physics Elective	3

Semester Four	
EET 122 Digital Systems 2	3
ESET 251 Electronics	4
IT 101 Programming 1	4
ENG 10X English Composition Elective	3

Semester Five	
ESET 290 Electronics Systems Engineering Technology Capstone Project	4
ESET 220 Microprocessor Systems	4
EMET XXX Electro-Mechanical Engineering Technology Elective	3
EET XXX Electrical Engineering Technology Elective 1	3

Semester Six	
EET XXX Electrical Engineering Technology Elective 2	2
ECO 1XX Economics Elective	3

ELECTIVES	
First Year Experience Electives	
FYE 100 College Survival Skills	1
FYE 105 College Success Strategies	2
FYE 110 Community College Experience	3
English Composition Electives	
ENG 102 English Composition 2: Contemporary Issues	3

ENG 103 English Composition 2: Writing About Literature	3
ENG 104 English Composition 2: Technical Communication	3
ENG 105 English Composition 2: Business Communication	3
Mathematics Electives (take one of following series)	
MAT 125 Algebra and Trigonometry & MAT 126 Functions and Calculus or	3
MAT 251 Calculus 1 and MAT 252 Calculus 2	3
Physics Elective	
PHY 151 Physics 1: Algebra and Trigonometry-Based	4
PHY 201 Physics 1: Calculus-Based	5
Arts/Humanities Elective	
Any ART, CULT, FRN, LIT, MUS, PHI, REL, SPIN, THE or COMM130	
Electro-Mechanical Engineering Technology Elective	
EMET 240 Programmable Logic Controllers, Motors, Motor Control, and Kinematics	3
EMET 245 Laser 1	3
EMET 270 Robotics and Servomechanisms	4
Electrical Engineering Technology Electives	
5	
Any EET (2XX level) or any ESET (2XX level) or Any PSET or any EMET	3
ECO 105 Principles of Microeconomics	3
ECO 110 Principles of Macroeconomics	3

PATHWAY TAB INFORMATION

Course Name	Postsecondary Institution	Credit Type	Credit Hours
EET 121 Digital Systems 1	Cincinnati State Technical and Community College	CTAG	3
EET 131 Circuit Analysis 1	Cincinnati State Technical and Community College	CTAG	3
IT 101 Programming 1	Cincinnati State Technical and Community College	CTAG	3