

Miami University

Department of Engineering Technology - Electrical and Computer Engineering Technology

2023-2024 AAS					
	REQUIRED COURSES:	Semester Hours	Type of Credit	CTAN	ODE High School Course Alignment
Year One/Fall Semester					
ENT 137	Introduction to Engineering Technology	1			
ENT 135	Computer Aided Drafting	3	CTAG	CTMET005	175001 Engineering Design
ENT 192	Circuit Analysis I	3	CTAG	CTEET001	175105 DC Electronic Circuits
MTH 124	Trigonometry	3	CCP Option		
ENG 111	Composition and Rhetoric	3	CCP Option		
Year One/Spring Semester					
ENT 193	Circuit Analysis II	3			
ENT 296	Programmable Logic Controllers	3			
CSE 163	Introduction to Computer Concepts and Programming	3			
STC 136	Introduction to Interpersonal Communication	3			
PHY 161	Physics for the Life Sciences with Laboratory I	4			
Year Two/Fall Semester					
ENT 196	Electronics	3			
ENT 293	Digital Systems	3	CTAG	CTEE002	175007 Digital Electronics
ENT 294	Local Area Networks	3			
MTH 151	Calculus I	4			
EGS 215	Workplace Writing	3			
Year Two/Spring Semester					
ENT 291	Industrial Electronics	3			
ENT 295	Microprocessors	3			
ECO 201 OR ECO 202	Principles of Microeconomics OR Principles of Macroeconomics	3			
PHY 162	Physics for the Life Sciences with Laboratory II	3			
Elective PA-4	Global, DEI, Intercultural	3			
COLLEGE CREDIT OPPORTUNITY - depends on high school course completion					
	College Course Name	Credit Hours	Credit Type	Postsecondary	ODE High School Course Alignment
ENT 135	Computer-Aided Drafting	3	CTAG	Miami University	175001 Engineering Design
ENT 192	Circuit Analysis I	3	CTAG	Miami University	175105 DC Electronic Circuits
ENT 293	Digital Systems	3	CTAG	Miami University	175007 Digital Electronics
ENG 111	Composition and Rhetoric	3	CCP Option	Miami University	
MTH 124	Trigonometry	3	CCP Option	Miami University	

[See the Miami Bulletin for Course Descriptions](#)

This program feeds seamlessly into the Bachelor of Science in Applied Science degree at Miami University