

The ECET program includes coursework in both electrical and electronic fields. It provides depth and breadth in electrical fundamentals as well as the advanced technology found in modern electrical and computer systems. Graduates work as electronic technicians, electrical maintenance technicians, computer or network technicians, engineering assistants and other related paraprofessional positions. Graduates may also continue their education towards a Bachelor of Applied Science degree.

RECOMMENDED TWO-YEAR PLAN

First Year

<i>First Semester • 16 Credit Hours</i>	<i>Second Semester • 16 - 17 Credit Hours</i>
ENG 111 English Composition (3)	ENT 193 Circuit Analysis II (3)
ENT 135 Computer-Aided Drafting (3)	ENT 296 Programmable Logic Controllers (3)
ENT 137 Intro to Engineering Tech (1)	CSE 163 Intro to Computer Programming or CSE 153 Intro to C/C++ Programming (3)
ENT 192 Circuit Analysis I (3)	PHY 161 Physics for Life Science I (4) or PHY 191 Physics with Lab I (5)
MTH 124 Trigonometry (3)*	STC 135 Principles of Public Speaking or STC 136 Intro to Interpersonal Communication (3)
ELECTIVE Elective (3)	

Second Year

<i>First Semester • 16 Credit Hours</i>	<i>Second Semester • 16 - 17 Credit Hours</i>
ENT 196 Electronics (3)	ENT 291 Industrial Electronics (3)
ENT 293 Digital Systems (3)	ENT 295 Microprocessor Technology I (3)
ENT 294 Local Area Networks (3)	ECO 201 Principles of Microeconomics (3) or ECO 202 Principles of Macroeconomics (3)
EGS 215 Workplace Writing (3) or ENG 313 Technical Writing	PHY 162 Physics for Life Science II (4) or PHY 192 Physics with Lab I (5)
MTH 151 Calculus I (4)*	ELECTIVE Elective (3)

Please note this is a guideline only; your degree audit is the official program record.

* Depending on math placement scores.

CONTACT INFORMATION

Department of Engineering Technology

513-785-1804

ENT@miamiOH.edu

MiamiOH.edu/Regionals/ent/

Office of Advising

513-727-3440

regadvising@MiamiOH.edu

MiamiOH.edu/Regionals/Advising