MURRAY STATE COLLEGE

Associate of Applied Science in Industrial Engineering Technology
Electrical Engineering Technology Option
2026-27 Degree Check

Name:	**Completed by:**
ID:	**Date:**

General Education Requirements (18-19 Credits)	**Credits**	**Grade**	**Semester**	**Notes**
Communication (6 Credits)				
ENG-1113 English Composition I **or** ENG-1333 Applied Technical Writing	3			
Select one of the following: ENG-1213 English Comp II BC-2113 Business Communications SPC-1113 Fundamentals of Speech COM-1233 Interpersonal Communication	3			
History and U.S. Government (6 Credits)				
HST-1483 US History to the Civil War **or** HST-1493 US History since the Civil War	3			
GVT-1113 American Federal Government	3			
Mathematics and Business (3 Credits)				
MTH-1123 Technical Math	3			
Arts and Science (3 Credits)				
Select one of the following: MU-1113 Music Appreciation HUM-2113 Humanities I PSY-1113 Introductory Psychology SOC-1113 Introduction to Sociology	3			
Student Success (1 Credit) For first-time freshmen				
IET-1111 Success Strategies for IET (For first-time freshmen)	1			
Program Requirements (42 Credits)	**Credits**	**Grade**	**Semester**	**Notes**
Program Core (27 Credits)				
IET-1113 Intro to Industrial Engineering Technology†	3			
IET-1223 AC/DC Electrical Systems*†	3			
IET-1613 Microprocessor Technology	2			
CIS-1113 Computer Applications	3			
IET-2613 Mechatronics I	3			
IET-1413 Electrical Wiring & Fabrication	3			
IET-2113 Programmable Logic Controllers I*	3			
IET-2223 Programmable Logic Controllers II	3			
IET-1333 Electrical Relay & Computer Control*†	3			
Program Electives (13 Credits)				
CS-1613 Programming I (fall only)	3			
IET-2553 Introduction to CNC†	3			
IET-1533 Introduction to CAD Engineering†	3			
IET-2543 Advanced CAD Engineering	3			
IET-1512 Blueprint Reading†	3			
IET-1213 Fluid Power	3			
IET-1323 General Metals	3			
IET-2333 Industrial Engineering Technology Internship I§	3			

***Completed courses earn a certificate in Basic Electrical Circuits & Computer Control.**

†Completed courses earn a Certificate in Computer Aided Design and Drafting/Computer Numerical Control.

§Completed courses earn a Certificate in Industrial Manufacturing Technician-Level 1.

All substitutions must be approved by Program Chair

Total credit hours required: 60 ☐ **15 hours at MSC** ☐ **Min 2.0 GPA** ☐ **Min 18 hours in Gen Ed Core** ☐