MURRAY STATE COLLEGE

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

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

General Education Requirements (18 Credits)	Credits	Grade	Semester	Notes
Communication (6 Credits)				
ENG-1113 English Composition I **or** ENG-1333 Applied Technical Writing	3			
BC-2113 Business Communications **or** COM-1233 Interpersonal Communications	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 **or** BM-1403 Business Math	3			
Humanities (3 Credits)				
	3			
Student Success (1 Credit) For first-time freshmen				
COL-1211 Success Strategies	1			

Program Requirements (42 Credits)	Credits	Grade	Semester	Notes
Program Core (27 Credits)				
CIS-1113 Computer Applications	3			
IET-1113 Introduction to Industrial Engineering Technology§	3			
IET-1223 AC/DC Electrical Systems*§	3			
IET-1333 Electrical Relay and Computer Control*§	3			
IET-2113 Programmable Logic Controllers I*	3			
IET-2223 Programmable Logic Controllers II	3			
IET-1613 Microprocessor Technology	3			
IET-2613 Mechatronics I	3			
IET-1413 Electrical Wiring and Fabrication I	3			
Program Electives (15 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†	2			
IET-1213 Fluid Power	3			
IET-1323 General Metals	3			
IET-2333 Industrial Engineering Technology Internship I§	3			

***Completed courses earn a Certificate in 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** ☐