MURRAY STATE COLLEGE

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

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| **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:**<br>ENG-1213 English Comp II<br>BC-2113 Business Communications<br>SPC-1113 Fundamentals of Speech<br>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:**<br>MU-1113 Music Appreciation<br>HUM-2113 Humanities I<br>PSY-1113 Introductory Psychology<br>SOC-1113 Introduction to Sociology | 3 | | | |
| **Student Success** (1 Credit) For first-time freshmen | | | | |
| COL-1211 Success Strategies (For first-time freshmen) | 1 | | | |
| **Program Requirements (42 Credits)** | **Credits** | **Grade** | **Semester** | **Notes** |
| **Program Core** (29 Credits) | | | | |
| IET-1113 Intro to Industrial Engineering Technology† | 3 | | | |
| IET-1223 AC/DC Electrical Systems*† | 3 | | | |
| IET-1512 Blueprint Reading **or** GS-1512 Blueprint Reading | 2 | | | |
| CIS-1113 Computer Applications | 3 | | | |
| IET-1213 Fluid Power | 3 | | | |
| IET-1413 Electrical Wiring & Fabrication | 3 | | | |
| IET-1323 General Metals **or** GS-2223 General Metals | 3 | | | |
| IET-2113 Programmable Logic Controllers I* | 3 | | | |
| IET-2333 Industrial Engineering Technology Internship I† | 3 | | | |
| IET-1333 Electrical Relay & Computer Control*† | 3 | | | |
| **Program Electives** (13 Credits) | | | | |
| BM-2203 Principles of Supply Chain Management | 3 | | | |
| IET-1343 Workplace Effectiveness **or** BM-2763 Professional Development | 3 | | | |
| IET-1533 Introduction to CAD Engineering **or** GS-1532 Introduction to AutoCAD | 3 | | | |
| IET-2553 Introduction to CNC **or** GS-2553 Introduction to CNC | 3 | | | |
| Or other courses with an IET prefix to equal 13 credit hours | | | | |
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***Completed courses earn a certificate in Basic Electrical Circuits & Computer Control.**

**†Completed courses earn a certificate in Industrial Manufacturing Technician Level 1. Additional certificates available based on elective selection.**

**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** ☐