

Student Name: _____ Student ID#: _____

2025-2026 Industrial Systems Technology – A50240

2025-2026 Catalog Year - Present

Developmental Reading & English

| |
|---------|
| ENG 025 |
|---------|

Developmental Mathematics

| |
|---------|
| MAT 035 |
|---------|

1st Semester (Fall)

| ✓ | Course: | Course Name: | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|------------------------------|---|-----------------|--|--------------|--------|
| | ACA 115 Or ACA 122 | Success and Study Skills | 1 | | | |
| | ELC 131 | Circuit Analysis I | 4 | | ELC 131A | |
| | ELC 131A | Circuit Analysis I Lab | 1 | | | |
| | BPR 111 | Print Reading | 2 | | | |
| | EGR 125 | Application Software for Technology | 2 | | | |
| | ELC 113 | Residential Wiring | 4 | | | |
| | ENG 110 OR ENG 111 | Freshman Composition Or Writing and Inquiry | 3 3 | DRE 097 or ENG 025 OR DRE 098 or ENG 025 | | |

Total: 17 Credit Hours

2nd Semester (Spring)

| ✓ | Course: | Course Name: | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|---------|---------------------------------|-----------------|-------------------------------------|--------------|--------|
| | AHR 112 | Heating Technology | 4 | | | |
| | ELC 115 | Industrial Writing | 4 | ELC 113 or ELC 131 & ELC 131A | | |
| | | Humanities / Fine Arts Elective | 3 | | | |
| | MNT 110 | Intro. To Maintenance Proceed | 2 | | | |
| | WLD 112 | Basic Welding | 2 | | | |

Total: 15 Credit Hours

3rd Semester (Summer)

| ✓ | Course: | Course Name: | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|---------|-----------------------|-----------------|------------------------------|--------------|--------|
| | DFT 151 | CAD I | 3 | CIS 110, CIS 113, or EGR 125 | | |
| | ELN 260 | Pro Logic Controllers | 4 | | | |

| | | | | | | |
|--|--|--|------------|-----------------------|--|--|
| | COM 110 Or COM 231 | Intro to Communications Or Public Speaking | 3 3 | DRE 098 or ENG 025 | | |
|--|--|--|------------|-----------------------|--|--|

Total: 10 Credit Hours

4th Semester (Fall)

| ✓ | Course: | Course Name: | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|----------------|---------------------------|-----------------|------------------------------------|--------------|--------|
| | ATR 280 | Robotic Fundamentals | 4 | | | |
| | HYD 110 | Hydraulics / Pneumatics I | 3 | DMA 030 or MAT 025 | | |
| | MAC 141 | Machining Applications | 4 | | | |
| | ELC 117 | Motors & Controls | 4 | ELC 111, ELC 112, or ELC 131 | | |
| | AHR 110 | Intro to Refrigeration | 5 | | | |

Total: 20 Credit Hours

5th Semester (Spring)

| ✓ | Course: | Course Name: | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|--|---|-----------------|--|--------------|--------|
| | MAT 121 Or MAT 171 | Algebra/Trigonometry I Or Precalculus Algebra | 3 4 | DMA 060 or MAT 035 Or DMA 080 or MAT 035 | | |
| | ISC 112 | Industrial Safety | 2 | | | |
| | | Social/Behavioral Science | 3 | | | |

Total: 8-9 credit hours

Total Credit Hours Needed For Graduation: 70-71 Credit Hours

Questions? Contact:

Advisor: Eddie Daughtridge

Office: Building B 2147

Phone: 252-451-8222

Email: etdaughtridge695@nashcc.edu