

# Instrumentation Certificate – C35130E

## Curriculum Sequence Checklist

2025-2026 Catalog Year - Present

### 1st Semester (Fall)

*Table 1: Overview of 1st semester courses (5 credit hours)*

| ✓ | Course:         | Course Name:           | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|-----------------|------------------------|-----------------|---------------|--------------|--------|
|   | <b>ELC 131</b>  | Circuit Analysis I     | 4               |               | ELC 131A     |        |
|   | <b>ELC 131A</b> | Circuit Analysis I Lab | 1               |               | ELC 131A     |        |

### 2nd Semester (Spring)

*Table 2: Overview of 2nd semester courses (8 credit hours)*

| ✓ | Course:        | Course Name:         | Credit Hour(s): | Prerequisite:         | Corequisite: | Notes: |
|---|----------------|----------------------|-----------------|-----------------------|--------------|--------|
|   | <b>ELC 213</b> | Instrumentation      | 4               | ELC 112 or<br>ELC 131 |              |        |
|   | <b>ELN 131</b> | Analog Electronics I | 4               | ELC 112 or<br>ELC 131 |              |        |

### 3rd Semester (Summer)

*Table 3: Overview of 3rd semester course (4 credit hours)*

| ✓ | Course:        | Course Name:          | Credit Hour(s): | Prerequisite: | Corequisite: | Notes: |
|---|----------------|-----------------------|-----------------|---------------|--------------|--------|
|   | <b>ELN 260</b> | Pro Logic Controllers | 4               |               |              |        |

**Total Credit Hours Needed for Graduation: 17 credit hours**

## Questions? Contact:

**Advisor:** Wanda Tyson, Department Chair, Applied Engineering Technologies  
Building: Advanced Manufacturing Building  
Office: K118  
Phone: 252-451-8410  
[whyson580@nashcc.edu](mailto:whyson580@nashcc.edu)