

## Electrical Systems Technology

### Photo Voltaic System Technology - C35130I

Ryal Watkins, Division Chair

Email: [academics@martincc.edu](mailto:academics@martincc.edu)



#### TOTAL HOURS FOR CREDENTIAL

| Class | Lab | Clinic | Work | Credit |
|-------|-----|--------|------|--------|
| 10    | 17  | 0      | 0    | 16     |

#### Fall I

| Course           | Course Title             | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------|--------------------------|---------------|--------------|-------|-----|--------|------|--------|
| ELC 112          | DC/AC Electricity        |               |              | 3     | 6   | 0      | 0    | 5      |
| ELC 118          | National Electrical Code |               |              | 1     | 2   | 0      | 0    | 2      |
| ISC 112          | Industrial Safety        |               |              | 2     | 0   | 0      | 0    | 2      |
|                  |                          |               |              |       |     |        |      |        |
|                  |                          |               |              |       |     |        |      |        |
| Semester Totals: |                          |               |              | 6     | 8   | 0      | 0    | 9      |

#### Spring I

| Course           | Course Title                   | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------|--------------------------------|---------------|--------------|-------|-----|--------|------|--------|
| ELC 114          | Commercial Wiring              |               |              | 2     | 6   | 0      | 0    | 4      |
| ELC 220          | Photovoltaic System Technology |               |              | 2     | 3   | 0      | 0    | 3      |
|                  |                                |               |              |       |     |        |      |        |
|                  |                                |               |              |       |     |        |      |        |
|                  |                                |               |              |       |     |        |      |        |
| Semester Totals: |                                |               |              | 4     | 9   | 0      | 0    | 7      |

#### Summer I

| Course           | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------|--------------|---------------|--------------|-------|-----|--------|------|--------|
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
| Semester Totals: |              |               |              | 0     | 0   | 0      | 0    | 0      |

#### Fall II

| Course           | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------|--------------|---------------|--------------|-------|-----|--------|------|--------|
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
| Semester Totals: |              |               |              | 0     | 0   | 0      | 0    | 0      |

#### Spring II

| Course           | Course Title | Prerequisites | Corequisites | Class | Lab | Clinic | Work | Credit |
|------------------|--------------|---------------|--------------|-------|-----|--------|------|--------|
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
|                  |              |               |              |       |     |        |      |        |
| Semester Totals: |              |               |              | 0     | 0   | 0      | 0    | 0      |

#### Other Course Information (if applicable)

The Photovoltaic System Technology Certificate (C35130I) prepares students to work in entry level positions with solar power companies installing residential and commercial solar panels. The certificate was created in conjunction with Martin Community College's participation with NC A&T's STEPS4Growth grant funded through the Federal Department of Commerce to bring clean energy training and jobs to eastern North Carolina. The certificate is open to all students.