College Pathway: Electrical System Technology Pathway

The Electrical Systems Technology curriculum is designed to provide training for persons interested in the installation and maintenance of electrical/electronic systems found in residential, commercial and industrial facilities. Training, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, digital electronics, programmable logic controllers, industrial motor controls, the National Electric Code, and other subjects.

### Admission & Enrollment Requirements
Electrical Systems Technology Pathway

To be eligible for enrollment in this program, you must meet the following criteria:

1. Be a high school junior or senior;
2. Have a weighted GPA of 3.0 on high school courses or your principal’s approval;
3. Meet the following placement testing requirements:
   - 151 or higher on NC DAP English.
   - 7 or higher on DMA 010 through 050.

PSAT/PLAN/ACT/SAT/Accuplacer scores may also be used.

**Interested?**

If you meet these qualifications, submit your completed application along with the latest version of your high school transcripts to CFCC. For more information, please see your school counselor and visit our website: [www.cfcc.edu/ccp](http://www.cfcc.edu/ccp).

### Course Requirements
Electrical Systems Technology Pathway

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELC 112 DC/AC Electricity</td>
<td>5</td>
</tr>
<tr>
<td>ELC 117 Motors and Controls</td>
<td>4</td>
</tr>
<tr>
<td>ELC 113 Residential Wiring</td>
<td>4</td>
</tr>
<tr>
<td>ISC 112 Industrial Safety</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Credit Hours**..............................15

### Class Locations

All courses are offered at CFCC or online.

To find a specific course offering, search for classes online by selecting the “Search for Classes” option on the CFCC website: [www.cfcc.edu](http://www.cfcc.edu).

### Registration Process

Accepted students may register for classes during New Student Orientation or through Web Advisor.