## Associate of Applied Science
### ELECTRICAL TECHNOLOGY

This program prepares you for the more technical aspects of the electrician’s trade with emphasis on jobs available in the government sector.

### GENERAL EDUCATION (25 crs)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Planned Timeline (By Semester)</th>
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<tbody>
<tr>
<td>ENG 111</td>
<td>English Composition I (3)</td>
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<tr>
<td>ENG 116</td>
<td>Technical Writing (3)</td>
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<tr>
<td>SPCH 130</td>
<td>Public Speaking I (3)</td>
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**Communications (9 crs)**

- **ENG 111** English Composition I (3)
  - Pre-requisites: ENG 109 or adequate score on the Course Placement Evaluation
- **ENG 116** Technical Writing (3)
  - Pre-requisite: ENG 111
- **SPCH 130** Public Speaking I (3)
  - Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

**Math/Computers/Laboratory Sciences (10 crs)**

- **CS 102** Computer Literacy (3)
- **ENGR 110** Introduction to Engineering Technology (4)
  - Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation or permission of instructor
- **MATH 130** Intermediate Algebra (3)
  - Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation

**Social/Behavioral Science (3 crs)**

- Elective (3)
  - Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

**Humanities and Fine Arts (3 crs)**

- Elective (3)
  - Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

### HEALTH, PHYSICAL EDUCATION & RECREATION (1 CR)

- Elective (1)

### PROGRAM REQUIREMENTS (39 crs)

- **BA 240** Principles of Management (3)
  - Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation
- **CONS 207** Construction Materials and Estimating (3)
  - Pre-requisites: ENG 108, MATH 100, and CS 102 or permission of instructor
- **ELEC 140** Introduction to Electrical Theory I (3)
- **ELEC 141** Introduction to Electrical Code I (3)
- **ELEC 142L** Residential Wiring Lab (6)
- **ELEC 150** Electrical Theory II (3)
- **ELEC 151** Electrical Code II (3)
- **ELEC 152L** Commercial Wiring Lab (6)
- **ELEC 160** Motor Controls (3)
  - Co-requisite: ELEC 160L
- **ELEC 160L** Motor Controls Lab (3)
  - Co-requisite: ELEC 160
- Elective (3)

**TOTAL CREDIT HOURS** 65
# Educational Planning Form (Semester)

Name ___________________________  Date __________________

Major ___________________________  Student ID ____________

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<tr>
<th></th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Summer</th>
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|                | Fall Semester | Spring Semester | Summer |

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**Advisor's Signature**  
________________________________________

**Student Signature**  
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