Electrical Technology Program Alignment – CIP: 46.0302

Effective: Fall 2019
Issued 2/22/18

Certificate B
30-44 Credit Hours

Electrical Technology
• Residential Electrician
• Journeyman Electrician
• Electrical Helper

Certificate C
45-59 Credit Hours

Electrical Technology
• Journeyman Electrician

A.A.S.
60-68 Credit Hours

Electrical Technology Degree
• Journeyman Electrician

Required Courses within Program

**Common Courses**  
- National Electrical Code I  4 credits
- National Electrical Code II  4 credits
- AC/DC Circuits I  4 credits
- Commercial Wiring I  4 credits
- Residential Wiring I  4 credits

**Support Courses**  
- Safety (OSHA 10 or 30)  1-3 credits
- Print Reading  2 credits

**20 credits:**

Notes
Specifics pertaining to Electrical Technology programs:

1. Passing the Journey Worker Exam does not qualify a student to be a licensed Journeyman. Electricians are “licensed” to practice following acquisition of passing the licensure exam AND validation of the required on-the-job work experience (typically two years).

2. OSHA 10 or 30 card is required.

3. Additional recommended competencies to be incorporated within the Electrical Technology curriculum: listening skills, oral communication skills, human relations skills, decision-making skills, problem-solving, teamwork, time & resource management, work ethics, & career planning.

Course list sequence has no implication on course scheduling by colleges.

Institutions may add additional competencies based on local demand.

Competencies identified within the Common Courses and/or Support Courses represent opportunities for articulation with K-12.

*Institutions may utilize existing like course titles for Support Courses that adhere to the agreed upon course lengths.*
<table>
<thead>
<tr>
<th>Certificate B</th>
<th>Certificate C and AAS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Courses Required:</strong></td>
<td><strong>Courses Required:</strong></td>
</tr>
<tr>
<td><strong>Common Courses:</strong></td>
<td><strong>Common Courses:</strong></td>
</tr>
<tr>
<td>• National Electrical Code I</td>
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</tr>
<tr>
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<td>• National Electrical Code II</td>
</tr>
<tr>
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<td>• AC/DC Circuits I</td>
</tr>
<tr>
<td><strong>Credential/Occupational Options:</strong></td>
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</tr>
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<td>• Journeyman Electrician</td>
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<tr>
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<td></td>
</tr>
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<tr>
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</tr>
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