ELECTRICAL TECHNOLOGY

About This Program
Carrington’s Electrical Technology program provides a framework of electrical knowledge and skills that can be adapted in the electrical trade industry. Upon completion of the Electrical Technology program, the student should be able to install, maintain, and repair electrical equipment and systems in a safe, competent, and professional manner.

Careers in Electrical Technology
Graduates of Carrington College’s Electrical Technology program may find employment as:

- Electricians
- Security and Fire Alarm System Installers
- Signal and Track Switch Repairers
- First-Line Supervisors of Construction Trades and Extraction Workers

Knowledge and Skills
Upon completion of the Electrical Technology program, graduates will be able to:

- Apply the necessary skills to troubleshoot and install electrical equipment in residential, commercial, and industrial environments.
- Explain the national electrical codes for electrical installations.
- Effectively understand electrical prints.
- Utilize OSHA standards for safe practice.

Technical Coursework
Carrington College uses technologies and equipment to support the learning process such as industry-standard equipment and software. Carrington’s academic catalog, available at carrington.edu/catalog, provides the most current and detailed program information, including admission and graduation requirements.

1 Applicants for jobs in the electrical technology field may be subject to pre-employment screenings such as, but not limited to, criminal background checks, drug and/or alcohol testing, physical and/or psychological examinations and credit check.
Electrical Technology Blended Program Requirements

<table>
<thead>
<tr>
<th>TECHNICAL COURSES</th>
<th>LECTURE HOURS</th>
<th>LAB HOURS</th>
<th>SEMESTER CREDIT HOURS</th>
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</thead>
<tbody>
<tr>
<td>ET105 OSHA Standards for the Construction Industry</td>
<td>60</td>
<td>30</td>
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<tr>
<td>ET115 Electrical Conduit Bending</td>
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<tr>
<td>ET135 Electrical Circuits</td>
<td>45</td>
<td>60</td>
<td>5</td>
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<tr>
<td>ET200 Commercial Wiring</td>
<td>60</td>
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<tr>
<td>ET215 Industrial Wiring</td>
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<tr>
<td>ET235 Programmable Logic Controllers/Industrial Electronic</td>
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<td>45</td>
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<tr>
<td>ET220 Residential Wiring</td>
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<td>30</td>
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<td>TOTAL FOR CERTIFICATE</td>
<td>300</td>
<td>285</td>
<td>30</td>
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Approximate time to complete certificate program: 36 weeks (not including breaks)

Accreditation and Disclosures

Carrington College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges (ACCJC/WASC), 428 J Street, Suite 400, Sacramento, CA 95814, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

Additional information about accreditation, including the filing of complaints against member institutions, can be found at accjc.org.

For comprehensive information on Carrington’s accreditation and approvals, visit carrington.edu/accreditation. Visit carrington.edu/sci for important information on program outcomes.

Program availability varies by location. Carrington College reserves the right to update information as it becomes available. For the most updated information, visit carrington.edu.