MAINTENANCE TECHNICIAN

About This Program

Carrington’s Maintenance Technician program is designed to provide fundamental, hands-on training in industrial systems and equipment. Students will study and master the basic principles, applications, concepts, and functions of hydraulic systems, bearing and seal types, and power transmission components. Practical instruction is provided with industry-standard equipment and software.

Careers in Industrial Maintenance

Graduates of Carrington College’s Maintenance Technician program will be able to operate and maintain equipment required for the operation of modern industrial facilities. Graduates may find employment as:

• Industrial Machinery Mechanics
• Installation, Maintenance & Repair Workers
• Maintenance and Machinery Workers
• Multiple Machine Tool Setters, Operators, and Tenders (Metal and Plastic)

Knowledge and Skills

Upon completion of the Maintenance Technician program, graduates will be able to:

• Illustrate the transmission of power through gears belts, chains, and fluid power electrical controls including programmable logic controllers.
• Effectively service and maintain industrial machinery.
• Compare mechanical and electrical measuring equipment for the diagnosis and repair of industrial equipment.
• Value all local and national safety practices related to electrical servicing and installations.

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.

VISIT CARRINGTON.EDU

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.
MAINTENANCE TECHNICIAN

Campus Based: Phoenix Education Center

Maintenance Technician Campus-Based 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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<tbody>
<tr>
<td>IT101 Basic Industrial Electricity</td>
<td>120</td>
<td>60</td>
<td>10</td>
</tr>
<tr>
<td>IT110 Power Transmission</td>
<td>60</td>
<td>30</td>
<td>5</td>
</tr>
<tr>
<td>IT120 Fluid Power</td>
<td>60</td>
<td>30</td>
<td>5</td>
</tr>
<tr>
<td>IT201 Programmable Logic Controllers</td>
<td>120</td>
<td>60</td>
<td>10</td>
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<tr>
<td>TOTAL FOR CERTIFICATE</td>
<td>360</td>
<td>180</td>
<td>30¹</td>
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¹540 Contact hours

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.