WHAT OPPORTUNITIES ARE AVAILABLE?

Electrical and Electronic Engineering Technologists/Technicians work with engineers and scientists in research and development, manufacturing, and other environments to build, test, troubleshoot, repair, and modify a variety of devices. Specializations you may choose can vary from consistently high-demand electrical or mechanical engineering to growing fields such as environmental engineering, nanotechnology, or robotics and automation.

HOW MUCH COULD I EARN?

<table>
<thead>
<tr>
<th>Occupation</th>
<th>ENTRY</th>
<th>MEDIAN</th>
<th>EXPERIENCED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical and Electronic</td>
<td>$19.67</td>
<td>$30.53</td>
<td>$47.57</td>
</tr>
<tr>
<td>Engineering Technologists and</td>
<td></td>
<td></td>
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<tr>
<td>Technicians</td>
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</tbody>
</table>

For more information, please visit winintelligence.org/data-research/career-profiles 2022

RELATED CAREER PATHWAYS
WHAT EDUCATION & SKILLS WILL I NEED?

The barriers to entry for Electrical and Electronic Engineering occupations are quite low relative to other comparable engineering occupations. These jobs typically require less than a bachelor’s degree to enter the field, with 72% of postings asking for an Associates degree or High School Diploma. Additionally, 43% of postings only require 0-3 years of experience.

EDUCATION AND EXPERIENCE IN JOB POSTINGS

- **Unspecified**: 34%
- **High school or GED**: 38%
- **Associate’s degree**: 38%
- **Bachelor’s degree**: 11%
- **Master’s degree**: 2%
- **Ph.D. or professional degree**: 0%

- **No experience listed**: 41%
- **0 - 1 Years**: 12%
- **2 - 3 Years**: 31%
- **4 - 6 Years**: 13%
- **7 - 9 Years**: 2%
- **10+ Years**: 1%

FOR TRAINING OPPORTUNITIES CONTACT YOUR LOCAL COMMUNITY COLLEGE AND MICHIGAN WORKS! AGENCY

WHAT TECHNICAL SKILLS SHOULD I DEVELOP?

- Electronics
- Electrical Wiring
- Test Equipment
- Hand Tools
- Electrical Systems
- Programmable Logic Controllers
- Soldering
- Instrumentation
- Electronic Components
- Automation

WHAT COMMON SKILLS DO EMPLOYERS LOOK FOR?

- Troubleshooting (Problem Solving)
- Communications
- Valid Driver’s License
- Operations
- Computer Literacy
- Problem Solving
- Management
- Microsoft Office
- Detail Oriented
- Microsoft Excel

WHAT QUALIFICATIONS SHOULD I PURSUE?

- Secret Clearance
- Automotive Service Excellence (ASE) Certification
- Security Clearance
- Journeyman Electrician
- Certified Healthcare Emergency Professional
- CompTIA A+
- Forklift Certification
- CDL Class A License
- NICET Level II Certification
- American Society For Quality (ASQ) Certified
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ELECTRICAL AND ELECTRONIC ENGINEERING TECHNOLOGIST

JOB POSTINGS BY PROSPERITY REGION

FOR TRAINING OPPORTUNITIES CONTACT YOUR LOCAL COMMUNITY COLLEGE AND MICHIGAN WORKS! AGENCY

*RELATED TECHNICAL INSTRUCTION PROVIDERS IN SOUTHEAST MICHIGAN ARE COLOR CODED TO MATCH THE PROSPERITY REGION

Region 6
Region 7
Region 9
Region 10

2022