

ELECTRICAL AND ELECTRONIC ENGINEERING TECHNOLOGISTS

OCCUPATION OUTLOOK IN SOUTHEAST MICHIGAN, CY 2022

WHAT OPPORTUNITIES ARE AVAILABLE?

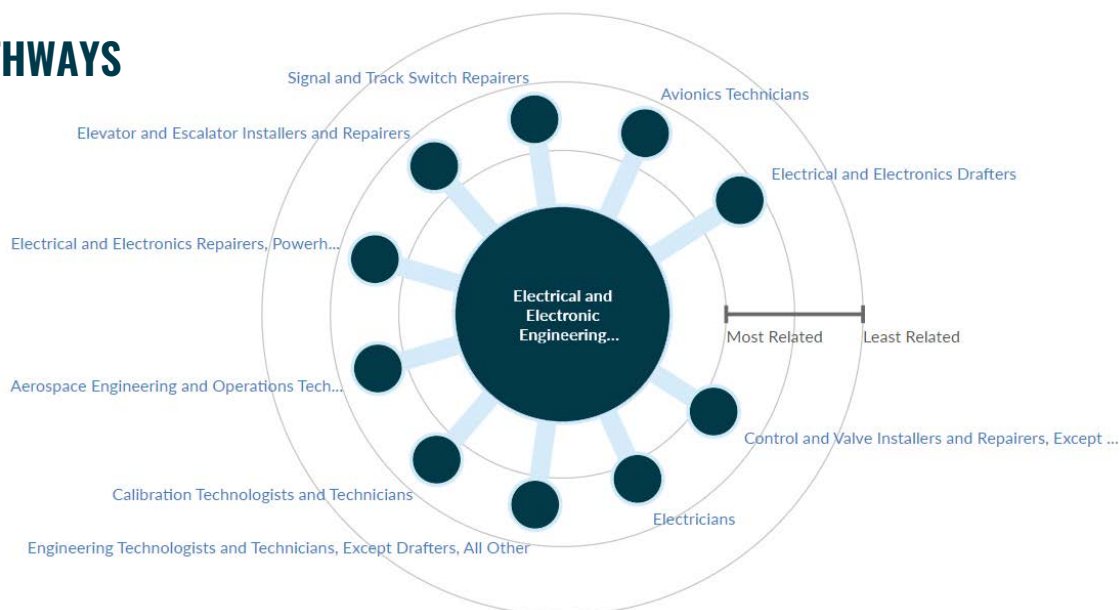
Electrical and Electronic Engineering Technologists/Technicians work with engineers and scientists in research and development, manufacturing, and other environments to build, test, troubleshoot, repair, and modify a variety of devices. Specializations you may choose can vary from consistently high-demand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

**1,695
WORKERS
EMPLOYED**

HOW MUCH COULD I EARN?

	ENTRY	MEDIAN	EXPERIENCED
Electrical and Electronic Engineering Technologists and Technicians	\$19.67	\$30.53	\$47.57

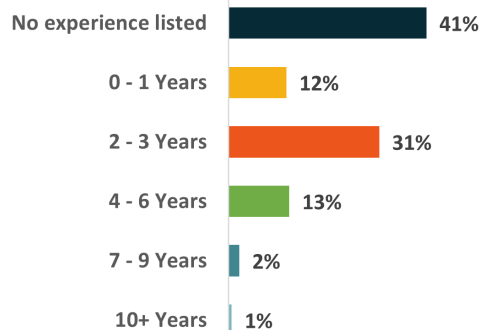
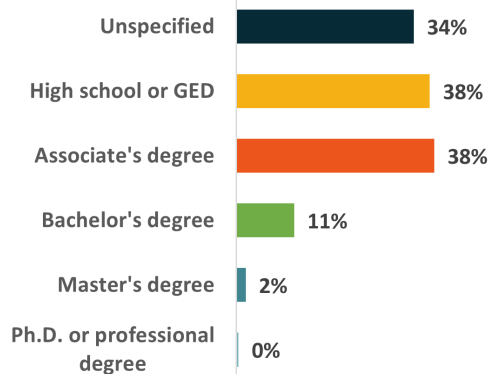
RELATED CAREER PATHWAYS



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



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

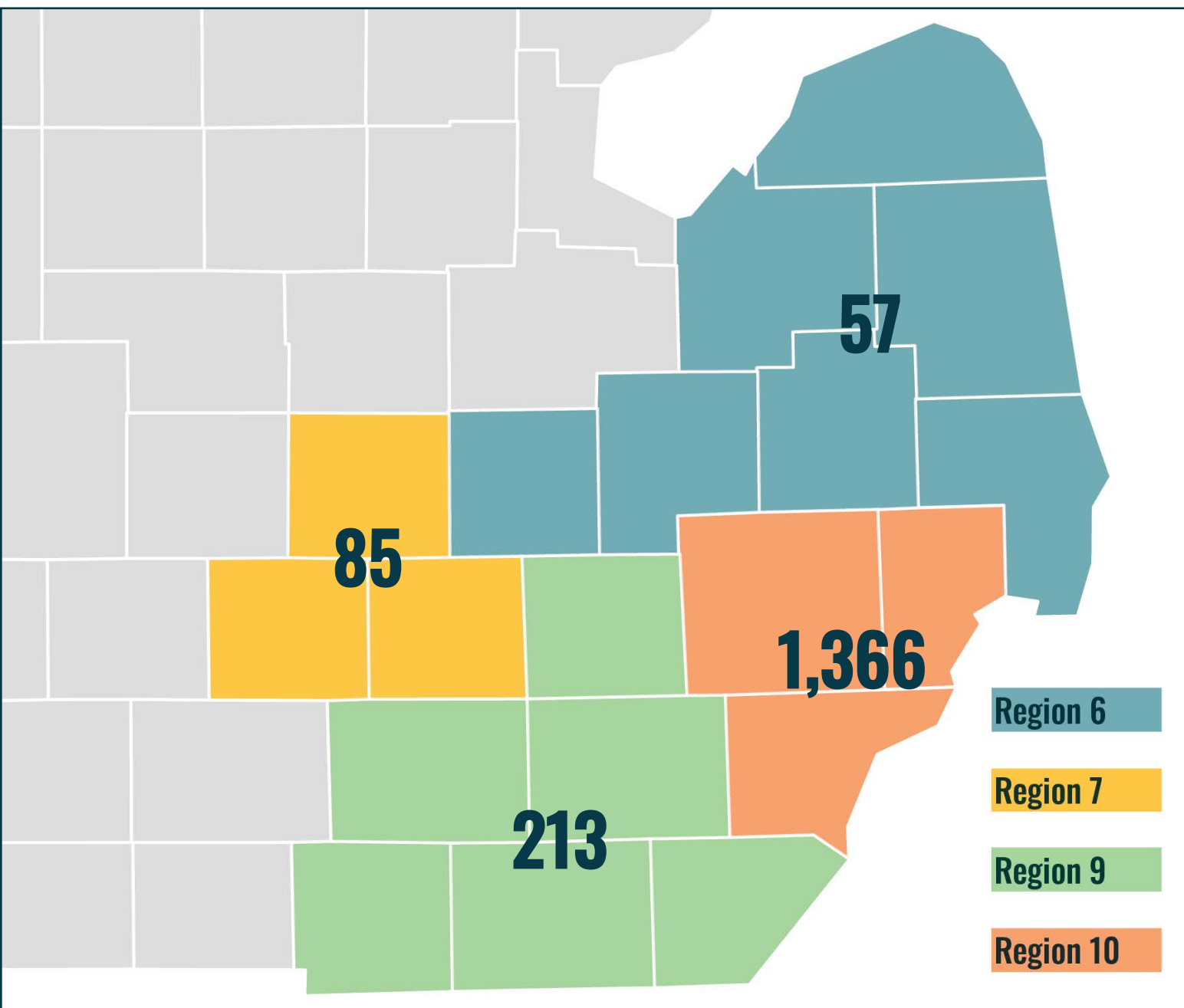
WHAT COMMON SKILLS DO EMPLOYERS LOOK FOR?

- 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

JOB POSTINGS BY PROSPERITY REGION



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

