

ELECTRICAL ENGINEERS

OCCUPATION OUTLOOK IN SOUTHEAST MICHIGAN, CY 2022

WHAT OPPORTUNITIES ARE AVAILABLE?

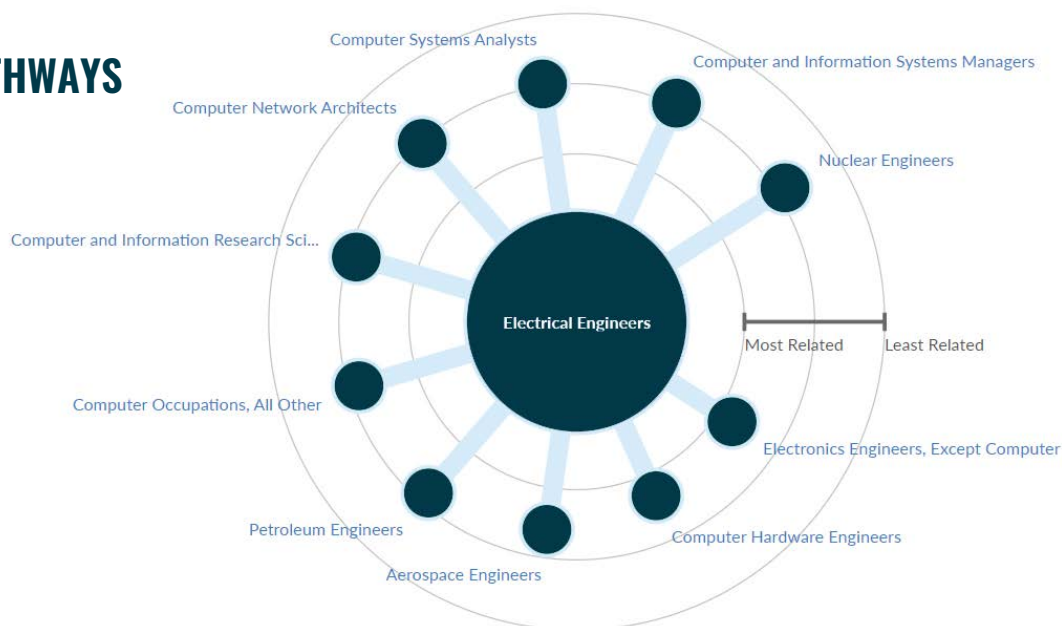
Electrical engineers design, develop, test, and supervise the manufacture of electrical equipment. They work in industries including research and development, engineering services, manufacturing, telecommunications, and the federal government. Electrical and electronics engineers generally work indoors in offices. However, they may have to visit sites to observe a problem or a piece of complex equipment.

**7,405
WORKERS
EMPLOYED**

HOW MUCH COULD I EARN?

	ENTRY	MEDIAN	EXPERIENCED
Electrical Engineers	\$30.44	\$47.59	\$63.43

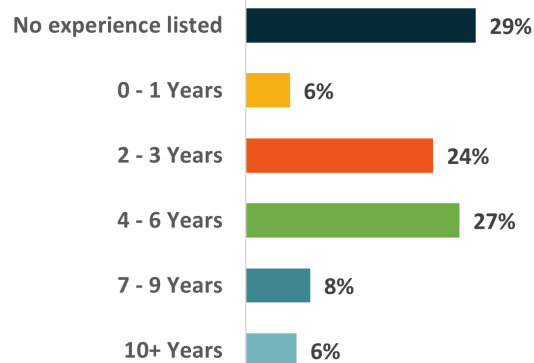
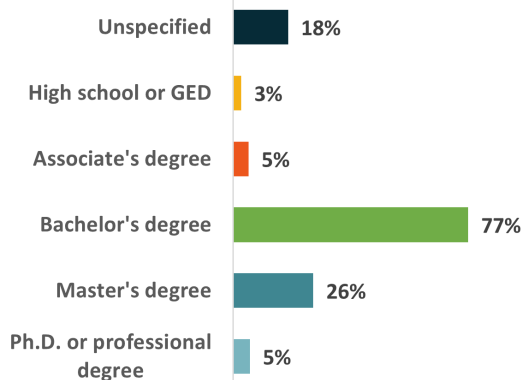
RELATED CAREER PATHWAYS



WHAT EDUCATION & SKILLS WILL I NEED?

Most electrical engineering occupations typically require an Bachelor's degree, with some positions demanding even higher education. In addition to a high level of education, 27% of Job postings also want to see at least 4-6 years of experience, with another 14% preferring 7 or more 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?

- Electrical Engineering
- AutoCAD
- Programmable Logic Controllers
- Control Systems
- Debugging
- Automation
- Electrical Systems
- Human Machine Interfaces
- Electrical Wiring
- Mechanical Engineering

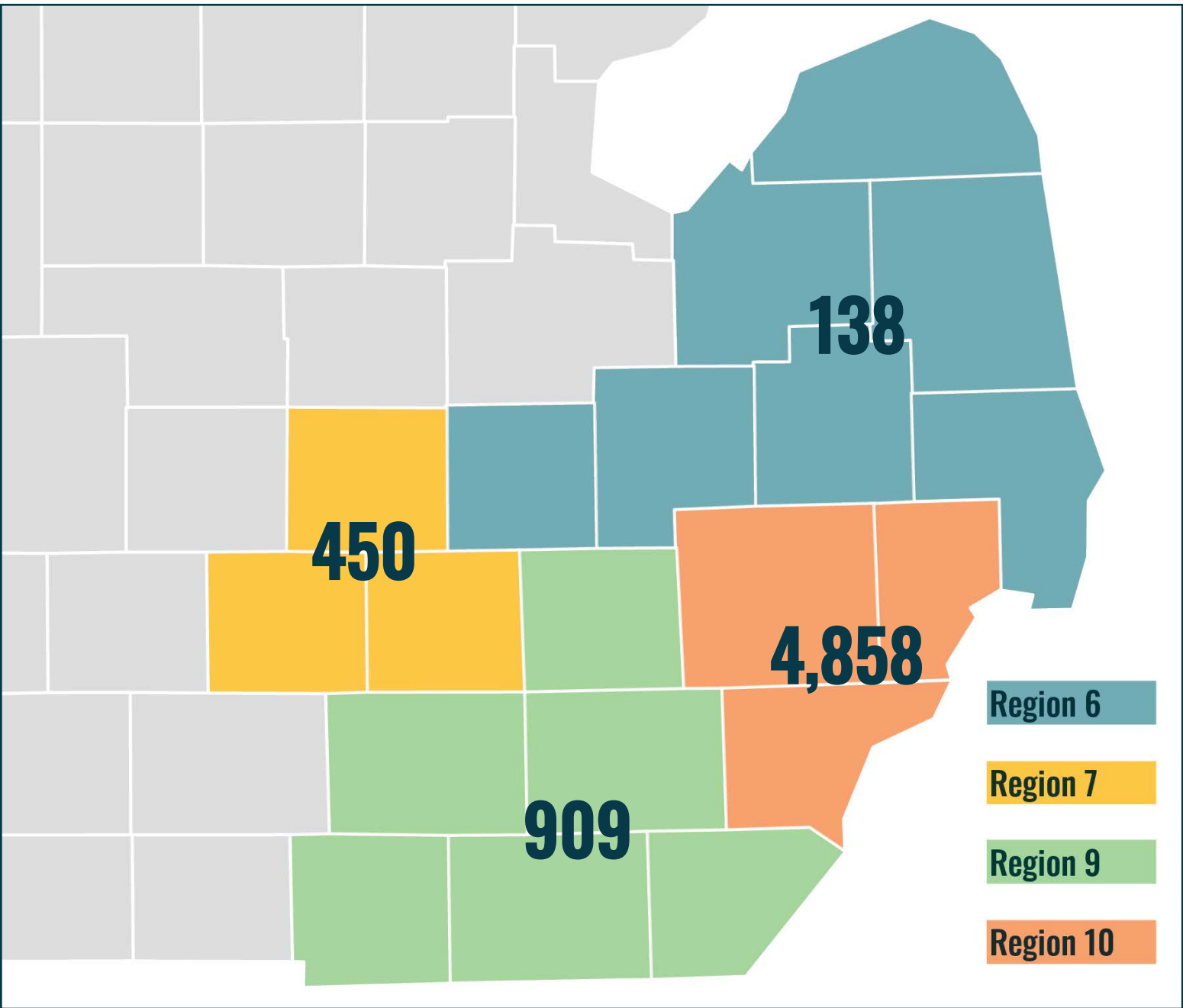
WHAT COMMON SKILLS DO EMPLOYERS LOOK FOR?

- Communications
- Troubleshooting (Problem Solving)
- Problem Solving
- Management
- Leadership
- Writing
- Microsoft Office
- Planning
- Interpersonal Communications
- Research

WHAT QUALIFICATIONS SHOULD I PURSUE?

- Professional Engineer
- Licensed Professional Engineer
- Security Clearance
- Engineer in Training
- Six Sigma Green Belt Certification
- Secret Clearance
- TS/SCI Clearance
- Six Sigma Black Belt Certification
- LEED Accredited Professional (AP)
- Project Management Professional Certification

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