



# CAREER PATH Industrial & Engineering Technology

CAREER CLUSTER  
**Manufacturing**

CAREER PATHWAY  
**Maintenance, Installation & Repair**



## ELECTRIC MOTOR, POWER TOOL REPAIRER

Repair, maintain, or install electric motors, wiring, or switches.

### Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as an electric motor, power tool or related repairer are reinforced by taking rigorous and relevant courses, as well as participating in work-based experiences and student organization activities.

*(See the Sample Personal Plan of Study for suggested coursework, activities, and knowledge and skills to pursue in preparation of an occupation in this Career Cluster.)*

### Education Requirements

Occupation	Percent of Missouri employees aged 25 to 44 in the occupation whose highest level of educational attainment is:		
	High School or Less	Some College	Bachelor Degree or More
Electric motor, power tool, and related repairers	44.5%	43.4%	0.0%
Electrical and electronic equipment mechanics, installers & repairers	43.1%	49.7%	7.2%
Installation, maintenance, and repair	54.6%	38.9%	6.4%

Most Common Educational Level: Postsecondary vocational award

Note: Be sure to learn whether your occupation has a specific requirement for education or licensing. Apprenticeships are available for more than 240 occupations. Visit [www.oe.doleta.gov/bat.cfm](http://www.oe.doleta.gov/bat.cfm)

### National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$12.98	\$16.41	\$21.21
	Yearly	\$27,000	\$34,100	\$44,100
Missouri	Hourly	\$11.32	\$14.61	\$19.20
	Yearly	\$23,500	\$30,400	\$39,900

Based on (\*) lower 25% and (\*\*) upper 25% percentile of wages

### National and State Employment Trends

Actors	Employment		Percent Change	Job Openings*
	2006	2016		
United States	25,500	24,400	-4 %	960
Missouri	610	620	+ 2 %	20

\*The estimate for Job Openings includes both turnover that results from people who leave the occupation (e.g. quit, retire, death) and new jobs that are created.

### Educational Opportunities

*Note: This list may not be all inclusive. For more information about Missouri schools and programs, visit [www.dhe.mo.gov](http://www.dhe.mo.gov)*

#### Culver-Stockton College

Canton, MO  
(573) 288-6000  
[www.culver.edu](http://www.culver.edu)

#### Drury University

Springfield, MO  
(417) 873-7879  
[www.drury.edu](http://www.drury.edu)

#### Lindenwood University

Saint Charles, MO  
(636) 949-2000  
[www.lindenwood.edu](http://www.lindenwood.edu)

#### Saint Louis University

Saint Louis, MO  
(314) 977-2222  
[www.imagine.slu.edu](http://www.imagine.slu.edu)

#### Webster University

Saint Louis, MO  
(314) 961-2660  
[www.webster.edu](http://www.webster.edu)



[www.missouriconnections.org](http://www.missouriconnections.org)

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