



# CAREER PATH Industrial & Engineering Technology

CAREER CLUSTER  
Transportation, Distribution and Logistics

CAREER PATHWAY  
Facility and Mobile Equipment Maintenance



## ELECTRICAL AND ELECTRONICS REPAIRER

Install, adjust, or maintain mobile electronics communication equipment, including sound, sonar, security, navigation, and surveillance systems on trains, watercraft, or other mobile equipment.

### Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as an electrical and electronics 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
Electrical and electronics installers and repairers, transportation equipment	46.4%	46.0%	0.0%
Electrical and electronic equipment mechanics, installers, and repairers	43.1%	49.7%	7.2%
Installation, maintenance & 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.oa.doleta.gov/bat.cfm](http://www.oa.doleta.gov/bat.cfm)

### National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$16.88	\$21.12	\$25.35
	Yearly	\$35,100	\$43,900	\$52,700
Missouri	Hourly	\$15.85	\$19.00	\$21.48
	Yearly	\$33,000	\$39,500	\$44,700

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

### National and State Employment Trends

Electrical and Electronics Repairer	Employment		Percent Change	Job Openings*
	2006	2016		
United States	21,100	22,000	+ 4 %	540
Missouri	230	250	+ 5 %	10

\*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)*

#### Crowder College

Neosho, MO  
(417) 451-3223  
[www.crowder.edu](http://www.crowder.edu)

#### Davis H Hart Career Center

Mexico, MO  
(573) 581-5684  
[www.mexicoschools.net](http://www.mexicoschools.net)

#### East Central College

Union, MO  
(636) 583-5193  
[www.eastcentral.edu](http://www.eastcentral.edu)

#### Eldon Career Center

Eldon, MO  
(573) 392-8060  
[www.eldoncareercenter.org](http://www.eldoncareercenter.org)

#### Franklin Technology - MSSU

Joplin, MO  
(417) 659-4400  
[www.ftcjoplin.com](http://www.ftcjoplin.com)

#### Gibson Technical Center

Reeds Spring, MO  
(417) 272-3271  
[www.wolves.k12.mo.us/gtc](http://www.wolves.k12.mo.us/gtc)

#### Grand River Technical School

Chillicothe, MO  
(660) 646-3414  
[www.grts.org](http://www.grts.org)

#### Hannibal-Lagrange College

Hannibal, MO  
(573) 221-3675  
[www.hlc.edu](http://www.hlc.edu)

(more-over)

**Herndon Career Center**  
Raytown, MO  
(816) 268-7140  
[www.herndoncareercenter.com](http://www.herndoncareercenter.com)

**Hillyard Technical Center**  
Saint Joseph, MO  
(816) 671-4170  
[www.hillyardtech.com](http://www.hillyardtech.com)

**Jefferson College**  
Hillsboro, MO  
(636) 797-3000  
[www.jeffco.edu](http://www.jeffco.edu)

**Kirksville Area Technical Center**  
Kirksville, MO  
(660) 665-2865  
[www.kirksville.k12.mo.us/](http://www.kirksville.k12.mo.us/)

**Lake Career and Technical Center**  
Camdenton, MO  
(573) 346-9260  
[www.camdentonschools.org](http://www.camdentonschools.org)

**Lebanon Technology and Career Center**  
Lebanon, MO  
(417) 532-5494  
[www.lebanon.k12.mo.us/ltcc](http://www.lebanon.k12.mo.us/ltcc)

**Lex La-Ray Technical Center**  
Lexington, MO  
(660) 259-2264  
[www.lexington.k12.mo.us](http://www.lexington.k12.mo.us)

**Linn State Technical College**  
Linn, MO  
(573) 897-5196  
[www.linnstate.edu](http://www.linnstate.edu)

**Mineral Area College**  
Park Hills, MO  
(573) 431-4593  
[www.mineralarea.edu](http://www.mineralarea.edu)

**Moberly Area Technical Center**  
Moberly, MO  
(660) 269-2690  
[www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)

**Northwest Technical School**  
Maryville, MO  
(660) 562-3022  
[www.maryville.k12.mo.us/external/home.html](http://www.maryville.k12.mo.us/external/home.html)

**Ozarks Technical Community College**  
Springfield, MO  
(417) 447-7500  
[www.otc.edu](http://www.otc.edu)

**Pike-Lincoln Technical Center**  
Eola, MO  
(573) 485-2900  
[pltc.k12.mo.us](http://pltc.k12.mo.us)

**Ranken Technical College**  
St. Louis, MO  
(866) 472-6536  
[www.ranken.edu](http://www.ranken.edu)

**Saint Louis Community College - Forest Park**  
St. Louis, MO  
(314) 644-9100  
[www.stlcc.cc.mo.us/fp](http://www.stlcc.cc.mo.us/fp)

**State Fair Community College**  
Sedalia, MO  
(660) 530-5800  
[www.sfccmo.edu](http://www.sfccmo.edu)

**Waynesville Technical Academy**  
Waynesville, MO  
(573) 774-6106  
[waynesville.k12.mo.us/Schools/WTA](http://waynesville.k12.mo.us/Schools/WTA)



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

**MISSOURI DEPARTMENT OF  
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[www.dese.mo.gov](http://www.dese.mo.gov)

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