



CAREER PATH

Industrial & Engineering Technology

CAREER CLUSTER
Architecture and Construction

CAREER PATHWAY
Construction



ELECTRICIAN

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as an electrician 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
Electricians	50.7%	42.4%	6.8%
Construction trades workers	77.6%	19.8%	2.6%
Construction managers	39.5%	31.1%	29.4%

Most Common Educational Level: Long-term on-the-job training

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

National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$16.50	\$21.53	\$28.77
	Yearly	\$34,300	\$44,800	\$59,800
Missouri	Hourly	\$17.01	\$23.77	\$31.97
	Yearly	\$35,400	\$49,400	\$66,500

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

National and State Employment Trends

Electrician	Employment		Percent Change	Job Openings*
	2006	2016		
United States	705,000	757,400	+ 7 %	23,390
Missouri	13,520	14,760	+ 9 %	390

*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

Columbia Area Career Center

Columbia, MO
 (573) 214-3800
www.career-center.org

Foley-Belsaw Institute

Kansas City, MO
 (800) 821-3452
www.foley-belsaw.com

Linn State Technical College

Linn, MO
 (573) 897-5196
www.linnstate.edu

Saint Louis Community College - Florissant Valley

St. Louis, MO
 (314) 513-4200
www.stlcc.edu/fv

Vatterott College

Kansas City, MO
 (816) 861-1000
www.vatterott-college.edu

Vatterott College

O'Fallon, MO
 (636) 978-7488
www.vatterott-college.edu

Vatterott College

Saint Ann, MO
 (314) 428-5900
www.vatterott-college.edu

Vatterott College

Sunset Hills, MO
 (314) 843-4200
www.vatterott-college.edu



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