



CAREER PATH

Industrial & Engineering Technology

CAREER CLUSTER
Architecture and Construction

CAREER PATHWAY
Construction



PLUMBER, PIPEFITTER, STEAMFITTER

Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a plumber/pipefitter/steamfitter 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
Plumbers, pipefitters, & steamfitters	67.6%	28.5%	3.9%
Construction trades workers	77.6%	19.8%	2.6%
Construction and extraction	75.7%	21.4%	2.9%

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.

National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$16.10	\$21.20	\$28.51
	Yearly	\$33,500	\$44,100	\$59,300
Missouri	Hourly	\$18.02	\$25.55	\$32.67
	Yearly	\$37,500	\$53,100	\$68,000

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

National and State Employment Trends

Plumber/pipefitter	Employment		Percent Change	Job Openings*
	2006	2016		
United States	502,200	555,400	+ 11%	15,680
Missouri	10,150	11,430	+ 13%	360

*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

Missouri Welding Institute

Nevada, MO
(800) 667-5885
www.nwi.ws

Ranken Technical College

St. Louis, MO
(866) 472-6536
www.ranken.edu

Saint Louis Community College - Florissant Valley

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

Saint Louis Community College - Forest Park

St. Louis, MO
(314) 644-9100
www.stlcc.cc.mo.us/fp

Vatterott College

Berkley, MO
(314) 264-1000
www.vatterott-college.edu

Vatterott College

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

Vatterott College

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

Apprenticeships are available for more than 240 occupations. Visit www.oa.doleta.gov/bat.cfm



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