



CAREER PATH

# Arts & Communications

CAREER CLUSTER

Arts, Audio-Visual Technology & Communications

CAREER PATHWAY

Telecommunications



## TELECOMMUNICATIONS EQUIPMENT INSTALLER

Set-up, rearranges, or removes switching and dialing equipment used in central offices. Service or repair telephones and other communication equipment on customers' property. May install equipment in new locations or install wiring and telephone jacks in buildings under construction.

### Knowledge and Skills Needed for this Career

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a telecommunications equipment installer and 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
Telecommunications equipment installers & repairers	36.4%	50.7%	12.9%
Electrical equipment, mechanics, installers, & repairers	43.1%	49.7%	7.2%
Installation, maint. & repair	54.6%	38.9%	6.4%

Most Common Educational/Training Level: Postsecondary vocational award  
 Apprenticeships are available for more than 240 occupations. Visit [www.oa.doleta.gov/bat.cfm](http://www.oa.doleta.gov/bat.cfm)  
 Note: Be sure to learn whether your occupation has a specific requirement for education or licensing.

### National and State Wage Information

Location	Pay Period	2008		
		Entry*	Median	Experienced**
United States	Hourly	\$20.64	\$26.73	\$30.30
	Yearly	\$42,900	\$55,600	\$63,000
Missouri	Hourly	\$21.69	\$26.08	\$29.29
	Yearly	\$45,100	\$54,200	\$60,900

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

### National and State Employment Trends

Telecommunications equipment installers & repairers	Employment		Percent Change	Job Openings*
	2006	2016		
United States	198,000	203,000	+ 3%	5,380
Missouri	3,580	3,740	+ 4%	90

\*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)*

**ITT Technical Institute-Arnold**  
 Arnold, MO  
 (636) 464-6600  
[www.itt-tech.edu](http://www.itt-tech.edu)

**ITT Technical Institute - Earth City**  
 Earth City, MO  
 (314) 298-7800  
[www.itt-tech.edu](http://www.itt-tech.edu)

**Ranken Technical College**  
 Saint Louis, MO  
 (314) 371-0236  
[www.ranken.edu](http://www.ranken.edu)

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



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