



CAREER PATH

# Industrial & Engineering Technology

CAREER CLUSTER  
**Transportation**

CAREER PATHWAY  
**Facility and Mobile Equipment Maintenance**



## AIRCRAFT MECHANIC

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems. Include helicopter and aircraft engine specialists.

### Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as an aircraft mechanic 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
Aircraft mechanics and service technicians	32.9%	56.6%	10.5%
Vehicle & mobile equipment mechanics, installers, repairers	64.9%	30.7%	4.4%
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	\$19.53	\$23.56	\$28.15
	Yearly	\$40,600	\$49,000	\$58,600
Missouri	Hourly	\$20.84	\$26.37	\$29.46
	Yearly	\$43,300	\$54,800	\$61,300

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

### National and State Employment Trends

Aircraft Mechanic	Employment		Percent Change	Job Openings*
	2006	2016		
United States	122,500	135,500	+ 11%	2,550
Missouri	1,850	1,930	+ 4%	50

\*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)*

#### Aviation Institute of Maintenance

Kansas City, MO  
(816) 753-9920  
[www.aviationmaintenance.edu](http://www.aviationmaintenance.edu)

#### Linn State Technical College

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

#### Saint Louis University

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



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

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