



CAREER PATH

Industrial & Engineering Technology

CAREER CLUSTER

Transportation, Distribution and Logistics

CAREER PATHWAY

Transportation Operation



AIRLINE PILOT, FLIGHT ENGINEER

Pilot and navigate the flight of multi-engine aircraft in regularly scheduled service for the transport of passengers and cargo. Requires Federal Air Transport rating and certification in specific aircraft type used.

Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a pilot, flight engineer 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
Airline pilots, copilots, and flight engineers	5.9%	20.5%	73.6%
Air Transportation Workers	9.4%	37.6%	53.0%
Transportation and Material Moving	58.6%	31.0%	10.4%

Most Common Educational Level: Bachelor's degree

Note: Be sure to learn whether your occupation has a specific requirement for education or licensing.

National and State Wage Information

Location	Pay Period	2006		
		Entry*	Median	Experienced**
United States	Hourly	—	—	—
	Yearly	\$81,100	\$141,100	\$145,600+
Missouri	Hourly	—	—	—
	Yearly	—	—	—

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

National and State Employment Trends

Pilot, Flight Engineer	Employment		Percent Change	Job Openings*
	2006	2016		
United States	79,400	89,700	+ 13 %	3,350
Missouri	N/A	N/A	N/A	N/A

*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

Saint Louis University

Saint Louis, MO
(314) 977-2222
www.imagine.slu.edu



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