



CAREER PATH

# Natural Resources Agriculture

CAREER CLUSTER

**Agriculture, Food and Natural Resources**

CAREER PATHWAY

**Power, Structural and Technical Systems**



## FARM EQUIPMENT MECHANIC

Diagnose, adjust, repair, or overhaul farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

### Knowledge and Skills Needed

In addition to courses required for high school graduation, essential skills and knowledge needed for a career as a farm equipment 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
Farm equipment mechanics	61.8%	35.0%	3.2%
Vehicle/mobile equipment mechanics, installers, repairers	64.9%	30.7%	4.4%
Installation, maintenance, and repair	54.6%	38.9%	6.4%

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.oe.doleta.gov/bat.cfm](http://www.oe.doleta.gov/bat.cfm)

### National and State Wage Information

Location	Pay Period	2007		
		Entry*	Median	Experienced**
United States	Hourly	\$11.87	\$14.75	\$18.14
	Yearly	\$24,700	\$30,700	\$37,700
Missouri	Hourly	\$11.09	\$13.89	\$17.28
	Yearly	\$23,100	\$28,900	\$35,900

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

### National and State Employment Trends

Farm Equipment Mechanic	Employment		Percent Change	Job Openings*
	2006	2016		
United States	30,700	31,100	+ 1%	640
Missouri	1,000	1,050	+ 5%	30

\*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)*

#### College of the Ozarks

Point Lookout, MO  
(417) 334-6411  
[www.cofo.edu](http://www.cofo.edu)

#### Crowder College

Neosho, MO  
(417) 451-3223  
[www.crowder.edu](http://www.crowder.edu)

#### Davis H Hart Career Center

Mexico, MO  
(573) 581-5684  
[www.mexicoschools.net](http://www.mexicoschools.net)

#### Three Rivers Community College

Poplar Bluff, MO  
(877) 879-8722  
[www.trcc.edu](http://www.trcc.edu)

#### University of Missouri

- Columbia  
Columbia, MO  
(573) 882-2121  
[www.missouri.edu](http://www.missouri.edu)



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