

# Automotive Technology Education Report

CIP 47.0604

Cochise, Pima, SC

## Automobile/Automotive Mechanics Technology/Technician

CIP 2010: A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air condition systems. \* *Program Description – Settings*

### Target Occupations



	<b>2,588</b> Jobs (2016) 5% above National average	<b>0.5%</b> % Change (2017-2022) Nation: 2.1%	<b>\$14.84/hr</b> Median Hourly Earnings Nation: \$17.47/hr		
Occupation	2017 Jobs	Annual Openings	Median Hourly Earnings	Growth (2017 - 2022)	Location Quotient (2017)
Automotive Service Technicians and Mechanics	2,531	76	\$14.68/hr	0.59%	1.06
Electrical and Electronics Installers and Repairers, Transportation Equipment	26	1	\$29.41/hr	7.69%	0.58
Electronic Equipment Installers and Repairers, Motor Vehicles	19	0	\$15.45/hr	<b>-15.79%</b>	0.55

\* *Target Occupations - Settings*

Occupational Programs						
1.00	72.00	78.00				
Programs (2015)	Completions (2015)	Openings (2015)				
CIP Code	Program	Completions (2011)	Completions (2012)	Completions (2013)	Completions (2014)	Completions (2015)
47.0604	Automobile/Automotive Mechanics Technology/Technician	99	101	58	76	72

<b>Programs by Institution</b>				
CIP Code	Title	Institution	Award Level	Completions (2015)
47.0604	Automobile/Automotive Mechanics Technology/Technician	Pima Community College	Award of less than 1 academic year	44
47.0604	Automobile/Automotive Mechanics Technology/Technician	Cochise County Community College District	Award of less than 1 academic year	14
47.0604	Automobile/Automotive Mechanics Technology/Technician	Pima Community College	Award of at least 1 but less than 2 academic years	0
47.0604	Automobile/Automotive Mechanics Technology/Technician	Pima Community College	Associates degree	11
47.0604	Automobile/Automotive Mechanics Technology/Technician	Cochise County Community College District	Associates degree	3

## Regional Completions by Award Level

	Award Level	Completions (2015)	Percent
●	Award of less than 1 academic year	58	80.6% 
●	Associates degree	14	19.4% 
	Award of at least 1 but less than 2 academic years	0	0.0%
	Award of at least 2 but less than 4 academic years	0	0.0%
	Bachelors degree	0	0.0%
	Postbaccalaureate certificate	0	0.0%
	Masters degree	0	0.0%
	Post-masters certificate	0	0.0%
	Doctors degree	0	0.0%

\* Regional Completions by Award Level - Settings

## Regional Completions by Institution

Institution	Certificates (2015)	Degrees (2015)	Total Completions (2015)
Pima Community College	44	11	55
Cochise County Community College District	14	3	17

\* Regional Completions by Institution - Settings

## Appendix A - Data Sources and Calculations

November 30, 2016

## **Location Quotient**

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## **Occupation Data**

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

## **State Data Sources**

This report uses state data from the following agencies: Arizona Department of Administration, Office of Employment and Population Statistics