

Avionics Technology Education Report

CIP 47.0609

Cochise, Pima, SC

Avionics Maintenance Technology/Technician

CIP 1010: A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of aircraft operating, control, and electronic systems. Includes instruction in flight instrumentation, aircraft communications and homing systems, radar and other sensory systems, navigation aids, and specialized systems for various types of civilian and military aircraft. * *Program Description – Settings*

Target Occupations

| | | |
|--|--|--|
| 253 Jobs (2016) 38% above National average | 4.5% % Change (2017-2022) Nation: 2.6% | \$25.16/hr Median Hourly Earnings Nation: \$25.65/hr |
|--|--|--|



| Occupation | 2017 Jobs | Annual Openings | Median Hourly Earnings | Growth (2017 - 2022) | Location Quotient (2017) |
|---|-----------|-----------------|------------------------|----------------------|--------------------------|
| Avionics Technicians | 187 | 4 | \$27.62/hr | 3.21% | 3.42 |
| Aircraft Structure, Surfaces, Rigging, and Systems Assemblers | 57 | 4 | \$15.86/hr | 10.53% | 0.44 |

* *Target Occupations - Settings*

| Occupational Programs | | | | | | |
|-----------------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| 3.00 | 104.00 | 32.00 | | | | |
| Programs (2015) | Completions (2015) | Openings (2015) | | | | |
| CIP Code | Program | Completions (2011) | Completions (2012) | Completions (2013) | Completions (2014) | Completions (2015) |
| 47.0609 | Avionics Maintenance Technology/Technician | 0 | 2 | 4 | 55 | 54 |
| 47.0608 | Aircraft Powerplant Technology/Technician | 15 | 91 | 90 | 67 | 34 |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician | 79 | 115 | 109 | 18 | 16 |

| Programs by Institution | | | | |
|--------------------------------|---|---|--|---------------------------|
| CIP Code | Title | Institution | Award Level | Completions (2015) |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician | Pima Community College | Award of less than 1 academic year | 0 |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician | Pima Community College | Award of at least 1 but less than 2 academic years | 0 |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician | Cochise County Community College District | Award of at least 1 but less than 2 academic years | 0 |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician | Pima Community College | Associates degree | 16 |
| 47.0607 | Airframe Mechanics and Aircraft Maintenance Technology/Technician | Cochise County Community College District | Associates degree | 0 |
| 47.0608 | Aircraft Powerplant Technology/Technician | Pima Community College | Award of less than 1 academic year | 0 |
| 47.0608 | Aircraft Powerplant Technology/Technician | Pima Community College | Award of at least 1 but less than 2 academic years | 54 |
| 47.0608 | Aircraft Powerplant Technology/Technician | Cochise County Community College District | Award of at least 1 but less than 2 academic years | 0 |
| 47.0608 | Aircraft Powerplant Technology/Technician | Pima Community College | Associates degree | 0 |
| 47.0608 | Aircraft Powerplant Technology/Technician | Cochise County Community College District | Associates degree | 0 |
| 47.0609 | Avionics Maintenance Technology/Technician | Cochise County Community College District | Award of at least 1 but less than 2 academic years | 0 |
| 47.0609 | Avionics Maintenance Technology/Technician | Pima Community College | Award of at least 1 but less than 2 academic years | 6 |
| 47.0609 | Avionics Maintenance Technology/Technician | Cochise County Community College District | Associates degree | 28 |

Regional Completions by Award Level

| | Award Level | Completions (2015) | Percent |
|---|--|--------------------|---|
| ● | Award of at least 1 but less than 2 academic years | 6 | 17.6%  |
| ● | Associates degree | 28 | 82.4%  |
| | Award of less than 1 academic year | 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) |
|---|---------------------|----------------|--------------------------|
| Cochise County Community College District | 0 | 28 | 28 |
| Pima Community College | 6 | 0 | 6 |

* Regional Completions by Institution - Settings

Appendix A - Data Sources and Calculations

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