

Electro-Mechanical Technicians (17-3024)

Occupation description: Operate, test, maintain, or calibrate unmanned, automated, servo-mechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment at worksites, such as oil rigs, deep ocean exploration, or hazardous waste removal. May assist engineers in testing and designing robotics equipment.

Employment and Job Openings

	Average employment			Average annual openings		
	2014 estimate	2024 projection	Percent change	Growth	Replacement	Total
Alaska	73	72	-1.4	0	2	2
United States	14,700	14,800	0.7	10	360	370

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

2015 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	27.08	16.14	20.00	25.65	33.11	40.64
Alaska	*	*	*	*	*	*

* indicates the estimate is not available, or the hourly wage is greater than \$100, or the annual wage is greater than \$208,000.

Labor Force Indicators

2014 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
56	18	32.1	60.5	52.6

2014 Potential Supply

Qualified but working in another occupation	25
Currently employed in a lower paid occupation	2
UI claimants previously working in occupation	3

2014 ALEXsys Employment Data

Number of registrants	75
Number of job position postings	3
Ratio of registrants to job position postings	25.0

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Associate's degree

Work experience: None

On-the-job training: None

Training Resources

University of Alaska Anchorage, Kenai (Soldotna)	
Industrial Proc Instrumentatn	AAS

University of Alaska Fairbanks, CTC (Fairbanks)	
Instrumentation Technology	CT2

Department of Labor and Workforce Development, Research and Analysis Section
P.O. Box 115501
Juneau, Alaska 99811-5501
Phone: 907.465.4500, Fax: 907.523.9654
February 07, 2017