

Aerospace Engineers (17-2011)

Occupation description: Perform engineering duties in designing, constructing, and testing aircraft, missiles, and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. May recommend improvements in testing equipment and techniques.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	41	42	2.4	1	1	2
United States	69,600	73,800	6.1	1,600	2,600	4,620

Job outlook

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

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	57.32	34.83	43.86	56.01	69.97	80.11

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
43	10	23.3	51.4	32.4

2016 Potential Supply

Qualified but working in another occupation	1
Currently employed in a lower paid occupation	1
UI claimants previously working in occupation	0

2016 ALEXsys Employment Data

Number of registrants	23
Number of job position postings	0
Ratio of registrants to job position postings	0.0

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

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

Degree

Change & Time Management

Embry-Riddle Aeronautical University (JBER)

MS

Aeronautics

MS

Engineering Management

Degree

Nu-Solutions Consulting (Anchorage)

Certificate

Advanced Primavera P6, Fundamentals Professional Client, Course 106-P

Certificate

Advanced Project Modeling and Estimating, Class E-201

Essentials of HD Performance HD P101

Certificate

Essentials of Project Modeling and Estimating, Class E-101

Managing Risk in Primavera Risk Analysis, Course 501

Migrating from P3 to Primavera P6

Certificate

Oracle Primavera Contract Management, Course 201

Primavera P6 Advanced

Primavera P6 Analytics 11g

Certificate

Primavera P6 Fundamentals Rel15 (P6 Web), Course 101

Certificate

Primavera P6 Professional Fundamentals, Course 102

Primavera P6 Reporting with BI Publisher 11g

Certificate

Primavera P6, Application Administration 15, Course 106-A

Project Management in Oracle Primavera Contractor, Course 700

Certificate

Resource Management in Oracle Primavera P6, Course 106-R

Certificate

Resource Management in Oracle Primavera Web Access, Course 107

Degree

University of Alaska Anchorage (Anchorage)

BS

Electrical Engineering

BS

Mechanical and Electrical Engineer Consortium

MS

Mechanical Engineering

MS

Project Management

Degree

University of Alaska Fairbanks (Fairbanks)

BS

Electrical Engineering

Electrical Engineering	MEE
Mechanical Engineering	BS
Mechanical Engineering	MS

	Degree
--	---------------

Vocational Training and Resource Center (Juneau)

Drafting with AutoCAD	
-----------------------	--

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
July 09, 2020