

## Mechanical Engineers (17-2141)

**Occupation description:** Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.

### Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
<b>Alaska</b>	347	351	1.2	7	15	22
<b>United States</b>	288,800	314,100	8.8	6,100	12,500	21,130

#### Job outlook

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

### 2018 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
<b>United States</b>	44.62	27.05	33.37	42.00	53.14	65.65
<b>Alaska</b>	61.87	35.71	42.98	51.90	66.97	*
<b>Anchorage/Mat-Su Area</b>	70.95	39.59	45.39	56.16	75.80	*
<b>Fairbanks North Star Borough</b>	47.34	34.04	39.36	45.82	52.94	66.04
<b>Balance of State</b>	49.44	28.73	41.31	48.15	58.91	72.86

\* 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

#### 2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
363	90	24.8	33.3	25.3

#### 2016 Potential Supply

Qualified but working in another occupation	64
Currently employed in a lower paid occupation	42
UI claimants previously working in occupation	59

#### 2016 ALEXsys Employment Data

Number of registrants	249
Number of job position postings	12

Ratio of registrants to job position postings

20.8

## Alaska Licensing Information

Engineer – [View licensing requirements and number licensed](#)

## 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

#### University of Alaska Anchorage (Anchorage)

[Mechanical and Electrical Engineer Consortium](#)

BS

[Mechanical Engineering](#)

MS

### Degree

#### University of Alaska Fairbanks (Fairbanks)

[Mechanical Engineering](#)

BS

[Mechanical Engineering](#)

MS

### Degree

#### Vocational Training and Resource Center (Juneau)

[Drafting with AutoCAD](#)