

## Chemical Engineers (17-2041)

**Occupation description:** Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, by applying principles and technology of chemistry, physics, and engineering.

### Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	66	66	0.0	1	3	4
United States	32,700	35,100	7.5	700	1,400	2,350

#### 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	56.29	32.12	40.73	52.30	66.28	84.66
Alaska	69.28	33.20	45.77	68.15	90.30	*
Anchorage/Mat-Su Area	*	*	45.77	*	90.30	*
Balance of State	*	*	45.77	*	90.30	*

\* 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
84	20	23.8	51.4	41.7

#### 2016 Potential Supply

Qualified but working in another occupation	7
Currently employed in a lower paid occupation	4
UI claimants previously working in occupation	9

#### 2016 ALEXsys Employment Data

Number of registrants	30
Number of job position postings	1
Ratio of registrants to job position postings	30.0

## 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
<a href="#">Change &amp; Time Management</a>	
<b>Degree</b>	
<b>Nu-Solutions Consulting (Anchorage)</b>	
<a href="#">Advanced Primavera P6, Fundamentals Professional Client, Course 106-P</a>	Certificate
<a href="#">Advanced Project Modeling and Estimating, Class E-201</a>	Certificate
<a href="#">Essentials of HD Performance HD P101</a>	
<a href="#">Essentials of Project Modeling and Estimating, Class E-101</a>	Certificate
<a href="#">Managing Risk in Primavera Risk Analysis, Course 501</a>	
<a href="#">Migrating from P3 to Primavera P6</a>	
<a href="#">Oracle Primavera Contract Management, Course 201</a>	Certificate
<a href="#">Primavera P6 Advanced</a>	
<a href="#">Primavera P6 Analytics 11g</a>	
<a href="#">Primavera P6 Fundamentals Rel15 (P6 Web), Course 101</a>	Certificate
<a href="#">Primavera P6 Professional Fundamentals, Course 102</a>	Certificate
<a href="#">Primavera P6 Reporting with BI Publisher 11g</a>	
<a href="#">Primavera P6, Application Administration 15, Course 106-A</a>	Certificate
<a href="#">Project Management in Oracle Primavera Contractor, Course 700</a>	
<a href="#">Resource Management in Oracle Primavera P6, Course 106-R</a>	Certificate
<a href="#">Resource Management in Oracle Primavera Web Access, Course 107</a>	Certificate
<b>Degree</b>	
<b>University of Alaska Anchorage (Anchorage)</b>	
<a href="#">Project Management</a>	MS

