

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.](#)

2017 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	54.05	29.92	37.99	49.12	63.00	81.29
Alaska	66.04	40.03	46.80	64.28	81.68	95.48
Anchorage/Mat-Su Area	63.40	41.61	45.78	61.40	78.46	92.58

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

Conscious Solutions (Anchorage)		Degree
Change & Time Management		

Nu-Solutions Consulting (Anchorage)		Degree
Advanced Primavera P6, Fundamentals Professional Client, Course 106-P		Certificate
Advanced Project Modeling and Estimating, Class E-201		Certificate
Essentials of HD Performance HD P101		
Essentials of Project Modeling and Estimating, Class E-101		Certificate
Managing Risk in Primavera Risk Analysis, Course 501		
Migrating from P3 to Primavera P6		
Oracle Primavera Contract Management, Course 201		Certificate
Primavera P6 Advanced		
Primavera P6 Analytics 11g		
Primavera P6 Fundamentals Rel15 (P6 Web), Course 101		Certificate
Primavera P6 Professional Fundamentals, Course 102		Certificate
Primavera P6 Reporting with BI Publisher 11g		
Primavera P6, Application Administration 15, Course 106-A		Certificate
Project Management in Oracle Primavera Contractor, Course 700		
Resource Management in Oracle Primavera P6, Course 106-R		Certificate
Resource Management in Oracle Primavera Web Access, Course 107		Certificate

University of Alaska Anchorage (Anchorage)		Degree
Project Management		MS

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