

Environmental Engineers (17-2081)

Occupation description: Research, design, plan, or perform engineering duties in the prevention, control, and remediation of environmental hazards using various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	346	350	1.2	8	14	22
United States	53,800	58,300	8.3	1,300	2,300	4,050

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
United States	44.54	25.57	32.02	42.13	53.95	65.91
Alaska	56.10	35.20	42.38	51.63	59.45	67.04
Anchorage/Mat-Su Area	66.73	36.58	44.44	52.57	62.43	*
Fairbanks North Star Borough	41.42	28.33	33.62	38.69	49.71	57.97
Balance of State	50.41	39.82	44.83	52.05	58.22	61.71

* 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
312	26	8.3	50.7	39.7

2016 Potential Supply

Qualified but working in another occupation	72
Currently employed in a lower paid occupation	35
UI claimants previously working in occupation	17

2016 ALEXsys Employment Data

Number of registrants	90
Number of job position postings	25

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	
Alaska Petroleum Academy (Kenai)	
Cook Inlet Training Standards/24 Hour Hazwoper	
Cook Inlet Training Standards/Hazwoper Refresher (8 Hours)	
Petroleum Chemical Health and Safety (16 Hours)	
Petroleum Chemical Health and Safety Refresher (8 Hours)	
Degree	
Alaska Teamster-Employer Service Training Trust (Anchorage)	
North Slope Training Cooperative	
Degree	
Alaska West Training Center (Fairbanks)	
Hydrogen Sulfide - H2S	
Petroleum Technician - ER06	
Petroleum Workers Safety and Health - S05	
Unescorted Module - NSTC01	
Unescorted Module Update/Refresher - NSTC02	
Degree	
Beacon Occupational Health and Safety Services (Anchorage)	
Cook Inlet Training Standards & Industrial Safety (CITS)	Certificate
North Slope Training Cooperative (NSTC), Optional H2S/FES	Certificate
Degree	
Environmental Management Inc (Anchorage)	
Asbestos Abatement Certification	Certificate
EPA/AHERA Inspector Initial	Certificate
EPA/AHERA Management Planner Initial	Certificate

EPA/AHERA Management Planner Refresher	Certificate
EPA/AHERA Project Design Initial - 24 Hours	Certificate
EPA/AHERA Project Design Refresher	Certificate
NSTC 6 PACK	Certificate

Degree	
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Iisagvik College (Barrow)

Industrial Safety, Level 1	Endorsement
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Degree	
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Northern Industrial Training (Palmer)

Energy Isolation - Lockout/Tag out/018	
NSTC ASH Update / 003	
NSTC Confined Space Entry / 004	
NSTC Energy Isolation / 005	
NSTC Fall Protection / 006	
NSTC Hydrogen Sulfide (H2S) Module/002	
NSTC Respiratory Protection /007	
NSTC Unescorted/001	
PEC Premier Basic Orientation / 051	
PEC Premier Core Compliance / 052	

Degree	
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Satori Group Inc (Anchorage)

AHERA Building Inspector Initial	Certificate
AHERA Building Inspector Refresher	Certificate
Asbestos Contractor/Supervisor Initial	Certificate
Asbestos Contractor/Supervisor Refresher	Certificate

Degree	
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University of Alaska Anchorage (Anchorage)

Earthquake Engineering	GCRT
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Degree	
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University of Alaska, Mining and Petroleum Training Service (Soldotna)

North Slope Training Consortium (NTSC)	
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Degree	
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Vocational Training and Resource Center (Juneau)

Drafting with AutoCAD	
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