

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.](#)

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	45.30	26.12	32.69	42.72	54.93	68.30
Alaska	47.63	31.15	39.20	49.53	57.05	61.94
Anchorage/Mat-Su Area	47.16	27.34	37.45	49.32	57.07	62.86
Fairbanks North Star Borough	45.54	32.23	37.92	45.90	53.23	60.54

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
Ratio of registrants to job position postings	3.6

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 + H2S Module	Certificate

Degree	
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Iisagvik College (Barrow)

Industrial Safety, Level 1	Endorsement
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Degree	
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LTR Training Systems, Inc. (Anchorage)

Fall Protection - Basic/Authorized	
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Fall Protection -Tower Climbing & Rescue	
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Degree	
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Northern Industrial Training (Palmer)

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

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

Vocational Training and Resource Center (Juneau)

Drafting with AutoCAD

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