

Engineering Technicians, Except Drafters, All Other (17-3029)

Occupation description: All engineering technicians, except drafters, not listed separately.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	650	679	4.5	21	35	59
United States	76,800	80,800	5.2	2,500	4,100	7,000

Job outlook

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

Wages

Wage data is not available.

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
752	210	27.9	39.4	32.1

2016 Potential Supply

Qualified but working in another occupation	119
Currently employed in a lower paid occupation	46
UI claimants previously working in occupation	50

2016 ALEXsys Employment Data

Number of registrants	303
Number of job position postings	34
Ratio of registrants to job position postings	8.9

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Associate'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	
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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

AVTEC (Seward)

Refrigeration	
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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

Charter College, Anchorage (Anchorage)

Heating, Ventilation, Air Conditioning and Refrigeration (HVAC)	Certificate
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Degree

Environmental Management Inc (Anchorage)

NSTC 6 PACK + H2S Module	Certificate
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Degree

Iisagvik College (Barrow)

Industrial Safety, Level 1	Endorsement
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Degree

LTR Training Systems, Inc. (Anchorage)

Fall Protection - Basic/Authorized	
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Fall Protection -Tower Climbing & Rescue	
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Degree

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

Southwest Alaska Vocational and Education Center (Igiugig)

Marine Refrigeration	
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Degree

University of Alaska Anchorage, Kenai (Soldotna)

Computer Electronics	AAS
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Underground Entry-Level Mine Training	CT1
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Degree

University of Alaska Anchorage, Mat-Su (Palmer)

Architecture & Engineer Technology	AAS
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Degree

University of Alaska Fairbanks, CTC (Fairbanks)

Mining Applications & Technology	CT2
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Degree

University of Alaska Southeast, Juneau (Juneau)

Underground Entry-Level Mine Training - MAPTS	CT1
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Degree

University of Alaska, Mining and Petroleum Training Service (Soldotna)

North Slope Training Consortium (NTSC)	
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Underground Entry-Level Mine Training - MAPTS	OEC
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Degree

Wisdom & Associates, Inc. (Kenai)

Indoor Air Quality	
Introduction to Indoor Air Quality	

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