

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.](#)

2018 Wages

| | Mean Wage | Wage by Percentile | | | | |
|------------------------------|-----------|--------------------|-------|--------|-------|-------|
| | Mean | 10th | 25th | Median | 75th | 90th |
| United States | 31.60 | 17.36 | 22.84 | 30.38 | 38.79 | 47.46 |
| Alaska | 34.54 | 21.27 | 27.12 | 33.30 | 41.37 | 49.59 |
| Anchorage/Mat-Su Area | 36.77 | 26.54 | 29.71 | 35.39 | 42.47 | 50.88 |
| Fairbanks North Star Borough | * | * | 29.71 | * | 42.47 | * |
| Balance of State | 33.41 | 20.00 | 24.84 | 31.90 | 40.01 | 49.32 |

* 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 |
|---------------|---------------------|---------------------|---------------------|---------------------|
| 752 | 210 | 27.9 | 39.4 | 32.1 |

2016 Potential Supply

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| 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

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| 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) | |
| Alaska Teamster-Employer Service Training Trust (Anchorage) | |
| North Slope Training Cooperative | |
| 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 | |
| AVTEC (Seward) | |
| Refrigeration | |
| Beacon Occupational Health and Safety Services (Anchorage) | |
| Cook Inlet Training Standards & Industrial Safety (CITS) | Certificate |
| North Slope Training Cooperative (NSTC), Optional H2S/FES | Certificate |
| Charter College, Anchorage (Anchorage) | |
| Heating, Ventilation, Air Conditioning and Refrigeration (HVAC) | Certificate |
| Environmental Management Inc (Anchorage) | |
| | Degree |

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| NSTC 6 PACK | Certificate |
| Degree | |
| Iisagvik College (Barrow) | |
| Industrial Safety, Level 1 | Endorsement |
| Degree | |
| 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 | |
| Sheet Metal Workers Local Union #23 (Anchorage) | |
| Service Technician Apprenticeship | Certificate |
| Degree | |
| Southwest Alaska Vocational and Education Center (Igiugig) | |
| Marine Refrigeration | |
| Degree | |
| University of Alaska Anchorage, Kenai (Soldotna) | |
| Computer Electronics | AAS |
| Underground Entry-Level Mine Training | CT1 |
| Degree | |
| University of Alaska Anchorage, Mat-Su (Palmer) | |
| Architecture & Engineer Technology | AAS |
| Degree | |
| University of Alaska Fairbanks, CTC (Fairbanks) | |
| Mining Applications & Technology | CT2 |
| Degree | |
| University of Alaska Southeast, Juneau (Juneau) | |

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| Underground Entry-Level Mine Training - MAPTS | CT1 |
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| Degree |
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University of Alaska, Mining and Petroleum Training Service (Soldotna)

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| North Slope Training Consortium (NTSC) | |
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| Underground Entry-Level Mine Training - MAPTS | OEC |
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| Degree |
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Wisdom & Associates, Inc. (Kenai)

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| Indoor Air Quality | |
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| Introduction to Indoor Air Quality | |
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