

Electrical and Electronics Drafters (17-3012)

Occupation description: Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for the manufacture, installation, or repair of electrical equipment.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	61	62	1.6	2	3	5
United States	27,400	29,300	6.8	800	1,500	2,490

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	31.60	18.16	23.02	29.58	38.03	48.39
Alaska	31.51	21.43	24.11	27.15	30.96	46.69
Anchorage/Mat-Su Area	31.35	21.01	23.07	26.03	30.24	46.73

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
62	24	38.7	46.9	36.7

2016 Potential Supply

Qualified but working in another occupation	7
Currently employed in a lower paid occupation	0
UI claimants previously working in occupation	5

2016 ALEXsys Employment Data

Number of registrants	55
Number of job position postings	4
Ratio of registrants to job position postings	13.8

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

Construction Technology	
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Degree

Water, Buildings, and Architects	
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Degree

Alaska Computer Business Solutions LLC (Anchorage)

AutoCAD 2018 Level 1 Essentials	
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AutoCAD 2018 Level 2 Beyond the Basics	
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AutoCAD 2018 Level 3 Advanced	
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Revit Architecture 2017 L1 Fundamentals	
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Revit Architecture 2019 L1 Fundamentals	
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Degree

University of Alaska Anchorage (Anchorage)

Civil Technology	CT1
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Mechanical & Electrical Technology	CT1
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Degree

University of Alaska Fairbanks, CTC (Fairbanks)

Drafting Technology	CT2
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Degree

University of Alaska Southeast, Juneau (Juneau)

Drafting Technology	CT1
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Degree

Vocational Training and Resource Center (Juneau)

Drafting with AutoCAD	
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