

Architectural and Civil Drafters (17-3011)

Occupation description: Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Use knowledge of building materials, engineering practices, and mathematics to complete drawings.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	183	191	4.4	6	10	17
United States	99,600	107,700	8.1	3,100	5,600	9,510

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	27.26	16.84	20.99	26.40	32.27	38.88
Alaska	28.94	19.86	22.61	27.73	34.81	40.52
Anchorage/Mat-Su Area	28.69	19.73	22.01	26.92	35.02	40.97

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
207	12	5.8	40.3	30.3

2016 Potential Supply

Qualified but working in another occupation	36
Currently employed in a lower paid occupation	8
UI claimants previously working in occupation	15

2016 ALEXsys Employment Data

Number of registrants	144
Number of job position postings	12
Ratio of registrants to job position postings	12.0

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 Building Science Network (Juneau)	
Water, Buildings, and Architects	

	Degree
Alaska Computer Business Solutions LLC (Anchorage)	
AutoCAD 2017 Level 1 Essentials	
AutoCAD 2017 Level 2 Beyond the Basics	
AutoCAD 2017 Level 3 Advanced	
Revit Architecture 2017 L1 Fundamentals	

	Degree
Galena Interior Learning Academy (Galena)	
Construction Technology	

	Degree
University of Alaska Anchorage (Anchorage)	
Architectural Drafting	CT1
Architectural Technology	CT1
Architecture & Engineer Technology	AAS
CAD for Building Construction	OEC
Civil Technology	CT1
Structural Drafting	CT1
Structural Drafting	CT2

	Degree
University of Alaska Anchorage, Mat-Su (Palmer)	
Architectural Drafting	CT1
CAD for Building Construction	OEC
Civil Drafting	CT1
Structural Drafting	CT1

	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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Residential Building Science	CER
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Residential Building Science	OEC
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Degree

Vocational Training and Resource Center (Juneau)

Drafting with AutoCAD	
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Degree

Wisdom & Associates, Inc. (Kenai)

Introduction to Building Science	
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