

Construction Managers (11-9021)

Occupation description: Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	1,073	1,088	1.4	25	48	75
United States	403,800	448,600	11.1	9,800	18,900	33,180

Job outlook

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

2018 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	49.57	26.56	33.98	44.89	59.48	77.65
Alaska	55.57	31.98	40.69	51.14	64.74	87.78
Anchorage/Mat-Su Area	56.85	36.00	42.83	52.37	62.76	90.12
Fairbanks North Star Borough	50.61	27.29	36.71	48.32	63.48	75.61
Balance of State	56.73	27.74	34.87	51.15	74.50	93.44

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
1,325	261	19.7	61.9	48.4

2016 Potential Supply

Qualified but working in another occupation	234
Currently employed in a lower paid occupation	176
UI claimants previously working in occupation	155

2016 ALEXsys Employment Data

Number of registrants	883
Number of job position postings	91
Ratio of registrants to job position postings	9.7

Alaska Licensing Information

Contractor – [View licensing requirements and number licensed](#)
 Contractor, Construction – [View licensing requirements and number licensed](#)
 Contractor, Gas Piping, Plumbing, and Sheetmetal – [View licensing requirements and number licensed](#)
 Contractor, Residential – [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: Moderate-term on-the-job training

Training Resources

	Degree
ABC of Alaska (Anchorage)	
Fall Protection	
Fire Detection and Protection	
Fire Prevention	
Hazard Communication	
Hazard Recognition Training, 16-Hour EM 385-1-1	
Hazard Recognition Training, 40-Hour EM 385-1-1	
Health Hazards in Construction	
Introduction to OSHA - Construction	
Introduction to OSHA - General Industry	
Lockout and Tagout	
Machine Guarding	
OSHA 10-Hour Outreach for Construction	
OSHA 10-Hour Outreach for General Industry	
OSHA 30-Hour Outreach for Construction	
OSHA 30-Hour Outreach for General Industry	
Personal Protective Equipment	
Safety Programs and Subpart C	
Stairways and Ladders	
Walking and Working Surfaces	

	Degree
Alaska Building Science Network (Juneau)	
Advanced Framing Techniques	

Blueprint Reading Basics	
Build America in Alaska	
Build America Program: Help for Builders	
Building on the Edge: Better Building through Common Sense	
Building Science and Technology in the North	
Building Science for Dummies	
Building the P.E.R.S.I.S.T. House	
Changes to IRC for 2006	
Climate Change Impact on Shelter and Infrastructure in the North	
CO - Are You Alarmed: 1-Hour	
CO - Are You Alarmed: 2-Hour	
Cold Climate Homebuilding: Contractor Residential Endorsement Workshop	
Cold Climate Homebuilding: Foundations	
Cold Climate Homebuilding: Making Houses Work	
Cold Climate Homebuilding: Walls	
Construction Planning and Management: Rural Focus	
Construction Planning and Management: Urban Focus	
Green Building Products	
Health House 1: The Health House Advantage	
Health House 2: Building the Health House	
Integration of Ideas for the Development of Future Research Agenda	
Introduction to Green Building	
Introduction to Green Building - 4 hour version	
Is Your Garage Making You Sick: House-Garage Connection	
Log Homebuilding Design and Techniques: 06-Hour	
Log Homebuilding Design and Techniques: 08-Hour	
Log Homebuilding Design and Techniques: 16-Hour	
Maritime Building Considerations: 1-Hour	
Maritime Building Considerations: 2-Hour	
Multi-Family Buildings: How are they Different from Single Family Homes	
NAHB Green Building Guide Section 1: Introduction and Lot Design, Preparation and Development	
NAHB Green Building Guide Section 2: Resource Efficiency	
NAHB Green Building Guide Section 3a: Energy Efficiency 1	
NAHB Green Building Guide Section 3b: Energy Efficiency 2	
NAHB Green Building Guide Section 4: Water Efficiency	
NAHB Green Building Guide Section 5: Indoor Environment Quality	
NAHB Green Building Guide Section 6: Operation, Maintenance, and Homeowner Education	
NAHB Green Building Guide Section 7: Global Impact	

NAHB Green Building Guide Section 8: Sustainable Community Development	
NAHB Green Building Guidelines Section 2: Resource Efficiency	
NAHB Green Building Guidelines: Building Green in Alaska	
No Birds Just BEES	
Peak Oil - Recent Developments on the Road to Peak Oil	
Proposed Changes to BEES	
Radon Control Strategies for New and Existing Homes	
Remote Construction Techniques	
Summer Symposium	
Sustainable and Appropriate Shelter Issues for First Nations Peoples	
The Business Case for Green Building Development	
The Effect Energy has on Building Development	
The How's and Whys of Building Diagnostics	
The Natural Step: How Cities and Towns Can Change to Sustainable Practices	
The Nature of Wood: 1-Hour	
The Nature of Wood: 2-Hour	
The New State of the Art CCHRC Research and Testing Facility	
Trusses	
What's New in Residential Building Codes	
Where Health and Housing Meet	

	Degree
Alaska Computer Business Solutions LLC (Anchorage)	
Project Level 1	
Project Level 2	

	Degree
Alaska Pacific University (Anchorage)	
Accelerated Business Administration & Management/Master of Business Administration	BA/MBA
Alaska Native Executive Leadership Program Certificate	Certificate
Alaska Native Governance	BA
Alaska Rural Management	Certificate
Business Administration	AA
Business Administration and Management	BA
Graduate Studies in Entrepreneurship	Certificate
Graduate Studies in Investments	Certificate
Information and Communication Technology	MBA
Master of Business Administration	MBA
Strategic Leadership	MBA

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	
OSHA 10 Hour General Construction	
OSHA 30 Hour General Construction	

Degree**Alaska West Training Center (Fairbanks)**

Fall Protection - S08	
Hydrogen Sulfide - H2S	
Petroleum Technician - ER06	
Petroleum Workers Safety and Health - S05	
Unescorted Module - NSTC01	
Unescorted Module Update/Refresher - NSTC02	

Degree**Alaska Works (Anchorage)**

Pipeline Training	
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Degree**American Health and Safety, LLC (Fairbanks)**

OSHA 10 Hours	
OSHA 40 Hours	

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**Center for Employment Education (Anchorage)**

OSHA 10 hour	
OSHA 30 hour	

	Degree
Central Texas College, Fort Richardson/Elmendorf AFB (Fort Richardson)	
Business Management	AAS
Central Texas College, Fort Wainwright (Fort Wainwright)	
Business Management	AAS
Charter College, Anchorage (Anchorage)	
Business Administration	AAS
Business Administration	BS
Conscious Solutions (Anchorage)	
Change & Time Management	
Embry-Riddle Aeronautical University (JBER)	
Aviation	PhD
Aviation Business Administration	AS
Aviation Business Administration	BS
Business Administration in Aviation	MBAA
Leadership	MS
Management	MSM
Project Management	BS
Project Management	MS
Technical Management	AS
Technical Management	BS
Environmental Management Inc (Anchorage)	
EPA/AHERA Project Design Initial - 24 Hours	Certificate
EPA/AHERA Project Design Refresher	Certificate
EPA/Lead Renovation, Repair, and Painting	Certificate
NSTC 6 PACK	Certificate
OSHA 10/30 Hour General Industry	
OSHA Construction Outreach - 10 Hours	Certificate
OSHA Construction Outreach - 30 Hours	Certificate
OSHA General Industry Outreach - 30 Hours	Certificate

	Degree
Iisagvik College (Barrow)	
Business and Management	AAS
Business Specialist I	Certificate
Business Specialist II	Certificate
Industrial Safety, Level 1	Endorsement

	Degree
North Star Computing (Fairbanks)	
Conducting Meetings	

	Degree
Northern Industrial Training (Palmer)	
Energy Isolation - Lockout/Tag out/018	
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	
OSHA 10 Hour Construction / 020 Training	
OSHA 10 Hour General Industry / 021	
OSHA 30 Hour Construction / 022	
OSHA 30 Hour General Industry / 023	
PEC Premier Basic Orientation / 051	
PEC Premier Core Compliance / 052	
Project Management & HSET	
Project Management 115 Hour	
Project Management/TRADES615	

	Degree
Nu-Solutions Consulting (Anchorage)	
Advanced Primavera P6, Fundamentals Professional Client, Course 106-P	Certificate
Advanced Project Modeling and Estimating, Class E-201	Certificate
Essentials of HD Performance HD P101	
Essentials of Project Modeling and Estimating, Class E-101	Certificate
Hybrid Primavera P6 102	
Managing Risk in Primavera Risk Analysis, Course 501	

Migrating from P3 to Primavera P6	
Oracle Primavera Contract Management, Course 201	Certificate
Primavera P6 Advanced	
Primavera P6 Analytics 11g	
Primavera P6 Fundamentals Rel15 (P6 Web), Course 101	Certificate
Primavera P6 Professional Fundamentals, Course 102	Certificate
Primavera P6 Reporting with BI Publisher 11g	
Primavera P6, Application Administration 15, Course 106-A	Certificate
Project Management in Oracle Primavera Contractor, Course 700	
Resource Management in Oracle Primavera P6, Course 106-R	Certificate
Resource Management in Oracle Primavera Web Access, Course 107	Certificate
Scheduling in Oracle Primavera P6 and Contractor, for U.S. Army Corps of Engineers Projects	Certificate

Degree

Satori Group Inc (Anchorage)

OSHA Outreach Training, 10 Hour	Certificate
OSHA Outreach Training, 30 Hour	Certificate

Degree

Thomas Edison State University (Eielson AFB)

Business Administration	MBA
Business Administration in General Management	BS

Degree

TSS - The Safety Specialists (Ketchikan)

OSHA Compliance Training	
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Degree

University of Alaska Anchorage (Anchorage)

Business Administration	AA
Business Administration	MBA
Construction Management	AAS
Construction Management	BS
General Management	MBA
Logistics & Supply Chain Operations	OEC
Project Management	MS

Degree

University of Alaska Anchorage, Kenai (Soldotna)

General Business	AAS
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	Degree
University of Alaska Anchorage, Kodiak (Kodiak)	
General Business	AAS

	Degree
University of Alaska Anchorage, Mat-Su (Palmer)	
General Business	AAS
General Program	AA

	Degree
University of Alaska Fairbanks (Fairbanks)	
Business Administration	BBA
Business Administration	MBA
Construction Management	GCRT
Design & Construction Mangement	GCRT

	Degree
University of Alaska Fairbanks, Bristol Bay (Dillingham)	
Applied Business	AAS
Applied Business	CT1
Applied Business Management	CT1

	Degree
University of Alaska Fairbanks, Chukchi (Kotzebue)	
Applied Business	AAS
Applied Business Management	CT1
Applied Business Management	CT2

	Degree
University of Alaska Fairbanks, CTC (Fairbanks)	
Applied Business	AAS
Applied Business	CT2
Applied Business Management	CT2
Construction Management	AAS

	Degree
University of Alaska Fairbanks, Kuskokwim (Bethel)	
Applied Business	AAS
Applied Business Management	CT1
Applied Business Management	CT2

	Degree
University of Alaska Fairbanks, Northwest (Nome)	
Applied Business	AAS
Applied Business Management	CT1
Applied Business Management	CT2
Business	CT2

	Degree
University of Alaska Fairbanks, Rural College (Fairbanks)	
Applied Business	AAS
Applied Business Management	CT1
Applied Business Management	CT2
Rural Utilities Business Management	OEC

	Degree
University of Alaska Southeast, Juneau (Juneau)	
Business Administration	AAS
Business Administration	BBA
Business Administration	GLI
Business Administration	MBA
Business Administration	MPA

	Degree
University of Alaska Southeast, Ketchikan (Ketchikan)	
Business Administration	AAS

	Degree
University of Alaska Southeast, Sitka (Sitka)	
Business Administration	AAS

	Degree
University of Alaska, Mining and Petroleum Training Service (Soldotna)	
North Slope Training Consortium (NTSC)	

	Degree
Vocational Training and Resource Center (Juneau)	
Business Internet Security	
Business Management Essentials	Certificate
Microsoft Project Pro Complete	
Small Business Management	

	Degree
Wayland Baptist University (Anchorage)	
Business Administration (BBA)	BA
Business Administration (MBA)	MBA
Management (D.Mgt.)	D.Mgt.
Management (MAM)	MA
Organizational Leadership (MA)	MA

	Degree
Wisdom & Associates, Inc. (Kenai)	
Advanced Building Science	
Basic Building Science	
Basic Building Science Review	
Building Science Review	
Building Techniques for Cold Climates	
Building Techniques for Cold Climates & Residential Endorsement Test Prep	
Introduction & History to Green Building & Environmental Issues - AHFC Sponsored	
Is this House Sick?	
Killer Houses: The Good, The Bad & The Ugly	
NAHB's Business Management for Building Professionals	
Policy & Codes That Support Energy - AHFC Sponsored	
Residential Endorsement Test Prep Course	
Sizing of Heating Systems with AkWarm	
The Economics of Energy Efficiency - Financial Costs & Benefits - AHFC Sponsored	
Thermal Envelope & Heating Analysis	
Thermal Envelope & Heating Analysis - AHFC Sponsored	
Understanding Building Energy Use/Building Behavior - AHFC Sponsored	

	Degree
Yuut Elitnaurviat (Bethel)	
Construction Trades	Certificate