




	<p>Pathway: Architecture & Construction</p>	<p>Plan of Study: Building Construction & Carpentry Web ID 6117& 4158</p>
<p>Career Goal (O*Net Code): (Click the occupational title to access education, skills, and employment outlook information)</p> <p>Construction Managers (11-9021.00)* </p> <p>Construction and Building Inspectors (47-4011.00) </p> <p>Operating Engineers and Other Construction Equipment Operators (47-2073.00)* </p> <p>Cost Estimators (13-1051.00)*</p> <p>First-Line Supervisors/Managers of Construction Trades and Extraction Workers (47-1011.00)*</p> <p>Maintenance and Repair Workers, General (49-9042.00)* </p> <p>Construction Carpenters (47-2031.01)* </p> <p>Rough Carpenters (47-2031.02)* </p> <p>Floor Layers, Except Carpet, Wood, and Hard Tiles (47-2042.00)</p> <p>Cement Masons and Concrete Finishers (47-2051.00) </p> <p>Construction Laborers (47-2061.00)* </p> <p>Drywall and Ceiling Tile Installers (47-2081.00)</p> <p>Roofers (47-2181.00) </p> <p>* High Demand Career Aims Building Site Management Web Site</p>		<p>Relevant Occupational Experience</p> <p>Pathway Overview: The Architecture and Construction pathway focuses on careers in designing, managing, building, and maintaining the built environment.</p> <p>Relevant Skills: Physically fit with a good sense of balance, Hand-eye coordination, Work well with your hands, Able to solve math problems quickly and accurately, Communication skills</p> <p>Military: Construction Specialist CCCS Credit for Prior Learning Guide Aims Assessment for Credit for Prior Learning assistance</p> <p>Related Occupations: Construction and Carpentry Trades</p>



Aims Community College
Building Construction & Carpentry
Postsecondary Plan of Study

Possible Pathways to your Career!

	Programs Available	Program Length (*Based on meeting Program Entrance Requirements)	Estimated Tuition (in-district)	Career Options	Salary Range
Certificate Option(s)	Intro to Carpentry Carpentry Materials & Safety Carpentry Renovation & Finishing Carpentry Applications Basics of Construction Management Basic Structural Properties Project Estimating Green /Sustainable Building	6 credits (1 Sem) 6 credits (1 Sem) 6 credits (1 Sem) 6 credits (1 Sem) 6 credits (1 Sem) 7 credits (1 Sem) 6 credits (1 Sem) 8 credits (1 Sem)	\$539.40 \$539.40 \$539.40 \$539.40 \$539.40 \$621.80 \$539.40 \$704.20	General Contractor, Estimator, Construction Supervisor, Construction Foreman, Construction Superintendent, Project Manager, Field Supervisor, Project Superintendent, Job Foreman, Fence Installer Foreman, Field Operations Supervisor, General Foreman, Maintenance Technician, Maintenance Mechanic, Maintenance Supervisor, Maintenance Electrician, Maintenance Engineer, Process Technician, Equipment Engineering Technician, Building Maintenance Mechanic, Building Mechanic, I&C Technician (Instrument and Controls Technician), Carpenter, Lead Carpenter, Assembler, Finish Carpenter, Construction Worker, Installer, Production Worker, Concrete Carpenter, Apprentice Carpenter, Form Carpenter, Journeyman Carpenter, Rough Carpenter, Union Carpenter, Bridge Carpenter, Bridge Repair Crew Person, Floor Coverings Installer, Flooring Installer, Vinyl Installer, Floor Covering Contractor, Floor Layer, Flooring Mechanic, Tile Installer, Tile Setter, Flooring Helper, Concrete Finisher, Cement Finisher, Cement Mason, Finisher, Mason, Concrete Mason, Laborer, Construction Laborer, Cement Finisher, Construction Worker, Helper, Post Framer, Curb and Gutter Laborer, Drain Layer, Drywall Finisher, Drywall Hanger, Ceiling Installer, Dry Wall Installer, Metal Framer, Metal Stud Framer, Sheetrock Hanger, Sheetrock Installer, Roofer, Roof Mechanic, Roofing Technician, Metal Roofing Mechanic, Sheet Metal Roofer, Industrial Roofer, Residential Roofer, Building Inspector, Engineering Technician, Construction Inspector, Engineer, Associate Architect, Construction Project Supervisor, Inspector, Plumbing Inspector, Building Code Administrator, Building Mechanical Engineer, Equipment Operator, Heavy Equipment Operator, Operating Engineer	\$-\$\$\$\$



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Associate Degree(s)	Building/Construction Site Management	60-63 credits (4 Sem)	\$5124-\$5320	Same as above	\$-\$\$\$\$
	Articulations with Thompson School District for CAR 101 Basic Safety & CAR 102 Hand & Power tools. High students can take classes under Concurrent Enrollment or PSEO.		How to get Articulation Credit		
Articulation Opportunities to Advanced Degrees:					

* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

08-09 Placement Trends: Welding Technology	6 completers	*R 100%	*U	*R related occupation *U unrelated occupation
The 3 year median loan debt incurred by program completers	<i>(Needs to be calculated by Student Financial Aid)</i>			
CollegelnColorado's SLOPE Calculator	SLOPE calculates your estimated monthly payment for student loans and compares it to your projected earnings for your career choice. The results will indicate how much you can borrow comfortably based upon your career.			
College Tuition Comparison Guide	Compare Colleges Resident and Non-resident tuition and fees.			

Extended Learning Experiences

Support Services:

[Services for Students](#) – Academic Support, Advising, Bookstore, Campus Technology, Career Center, E-Cashier, Disability Services, Fitness Facilities, Financial Aid, Library, Learning Commons, Student Life, Student Success Center, Testing Center, Tutoring & Supplemental Instruction.



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Financial Aid:

[General Financial Aid Information](#) – Aims Community College offers a wide variety of financial aid programs and services to help you meet your educational costs including Federal & State Grants, Scholarships, Work-Study Program

Professional Affiliations:

Needs to be provided by department

Selected Web Resources:

[Advanced Building Technologies & Practices](#)
[Allen's Wood Miser's Workshop](#)
[Amateur Woodworker](#)
[American Woodworker](#)
[Ask the Builder](#)
[Associated Builders and Contractors \(ABC\)](#)
[Construction Terminology](#)
[ConstructionWebLinks.Com](#)
[Eco-Build Web Ring](#)
[Emerging Construction Technologies](#)
[GlobalSpec: Engineering Search Engine](#)
[Green Communities](#)
[Home Builders Institute \(HBI\)](#)
[Martindale's Remodeling and Construction](#)
[National Association of Home Builders](#)
[Sweet's Construction](#)
[United States Department of Labor – Employment and Training Administration](#)



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[WoodLINKS](#)

[Woodworker's Central](#)

[Occupational Outlook Handbook – Carpenters](#)

[Occupational Safety & Health Administration](#)

Practical Learning Experiences:

(Insert non-classroom learning experiences here – i.e. internships, job shadowing, etc...)

Aims Community College is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

Aims Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Sandra Owens, 5401 West 20th Street P.O. Box 69, Greeley CO. 80634.

*** It is strongly recommended that if students are intending to transfer to a four-year institution, they consult with the transfer institution to determine transferability of their Aims Community College courses.*

**** This document is a guide only. It does not act as a legally binding contract.*