





		Pathway: Design & Pre-construction		Plan of Study: <u>Architecture Engineering and Construction Technology</u>	
Program: <u>Architecture Engineering and Construction Technology</u> Career Goal (O*Net Code): <u>CIP 15.0101 to SOC Crosswalk;</u> <u>O*Net Search for Careers Related to Architecture and Construction</u> <i>(Click below to access education, skills, and employment outlook information)</i> 17-3011.01 <u>Architectural Drafters</u>  17-3011.00 <u>Architectural and Civil Drafters</u> 17-3019.00 <u>Drafters, All Other</u> 17-1012.00 <u>Landscape Architects</u> 11-9041.00 <u>Architectural and Engineering Managers</u>   - Bright Outlook  - Green			Relevant Occupational Experience (Your Life Experiences may be worth College Credit!): <u>CCCS Credit for Prior Learning Guide</u> <u>FRCC Credit for Prior Learning</u> <ul style="list-style-type: none"> • <u>FRCC Standards for Awarding</u> • <u>Policies and Procedures</u> • <u>Transferability</u> <u>LMI Gateway Link to Related Occupations</u>		
Possible Pathways to your Career!					
	Programs Available  	Program Length (*Based on meeting Program Entrance Requirements)	Estimated Tuition (*Based on Resident Tuition after COF)	Possible Career Options	Salary Range
Certificate Option(s)	<u>Architectural Drafting</u>	26 Credits	<u>\$3,247.40</u>	<u>Architectural and Civil Drafters, Electrical and Electronic Drafters, and Mechanical Drafters, Architectural Drafter, Structural Drafter, HVAC Drafter, Electrical and Mechanical Drafter, Project Manager Assistant</u>	\$ - \$\$
AAS Degree	<u>Architectural and Building Science</u>	61 credits	<u>\$7,618.90</u>	<u>Architectural and Civil Drafters, Electrical and Electronic Drafters, and Mechanical Drafters, Architectural drafter, Structural drafter, HVAC drafter, Electrical and Mechanical drafter, Project Manager Assistant, Project Manager, Job Superintendent, Project Engineer, Architectural Drafter, Structural Drafter, HVAC Drafter, Electrical and Mechanical Drafter, Project Manager Assistant</u>	\$ - \$\$
Articulation Opportunities to Advanced Degrees:					
Advanced Degree(s)	<u>Associate's to Bachelor's® Program at Regis University College for Professional Studies (CPS)</u>		<u>Regis Tuition Information</u>	Architect, Project Manager, Job Superintendent, Project Engineer, Architectural Drafter, Structural Drafter, HVAC Drafter, Electrical and Mechanical Drafter, Project Manager Assistant	\$\$-\$\$\$\$
	<u>College Tuition Comparison Guide</u>				

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

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Extended Learning Experiences

Student Services & Support Structures:

- [Academic Advising](#)
- [Academic Support Labs](#)
- [Admissions and Records](#)
- [Bookstores](#)
- [Career Counseling](#)
- [Crisis Counseling & Stress Management Services](#)
- [Disability Services](#)
- [English as a Second Language](#)
- [General Education Development \(GED\)](#)
- [Tutoring](#)
- [Libraries](#)
- [Student Email](#)
- [Student Employment Services](#)
- [Student Life](#)
- [Testing Center Services](#)
- [Veteran Services](#)

Financial Aid:

- [FAFSA](#)
- [Grants](#)
- [Work Study](#)
- [Loans](#)
- [Scholarships](#)

Professional Affiliations

- [National Center for Craftsmanship](#)
- [Habitat for Humanity](#)
- [United States Green Building Council](#)

Practical Learning Experiences:

- [Internships](#)
- [Career Preparation](#)
- [Service Learning/Volunteering](#)
- [Student Experiences](#)

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Physical & Sensory Requirements, Architecture Engineering and Construction Technology

Key: N = Never O = Occasional: 1 – 33% of time F = Frequent: 34 – 75% of time C = Constant: 76 – 100% of time

PHYSICAL CAPABILITIES					SENSORY CAPABILITIES														
Activity		Frequency			Activity		Frequency			Activity		Frequency							
	N	O	F	C		N	O	F	C		N	O	F	C					
Lift/Carry					Push/Pull					Walk				X	Able to see clearly at both near and far distances				X
10 lbs or less				X	15 lbs or less			X		Sit				X	Able to identify and distinguish colors				X
11-20 lbs				X	16-30 lbs		X			Stand				X	Able to judge distances and spatial relationships			X	
21-50 lbs			X		31-50 lbs		X			Fine motor manipulations				X	Able to communicate verbally and in writing				X
51-100 lbs		X			51-100 lbs		X			Gripping				X	Able to distinguish between sounds such as telephone vs. fire alarms, tone of voice, varied decibels				X
100+ lbs	X									Squat/Kneel				X	Able to perceive attributes of objects such as size, shape, temperature, texture through touch				X
										Bend		X							
Drive					Computer					Twist/Turn		X							
Manual		X			Data Entry			X		Crawl	X								X
Automatic		X			Use of mouse			X		Climb	X								
										Reach above chest		X							
										Reach outward				X					

For more information on the Physical & Sensory Requirements for this Pathway, please contact:

Disability Support Services

- [Boulder Campus](#): (303) 678 - 3922
- [Larimer Campus](#): (970) 204 – 8112
- [Westminster Campus & Brighton Center](#): (303) 404 - 5676

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