

# Related Careers within each Pathway

Careers in designing, planning, managing, building and maintaining the built environment

Pathways	Design/Pre-Construction	Construction		Maintenance / Operations	
	Sample Career Specialties / Occupations	Architect	General Contractor/Builder		General Maintenance Contractor
Mechanical Drafter		Specialty Contractor		Manufacturer's Representative	
Architectural and Civil Drafter		Iron/Metalworker (structural and reinforcing)		Sales and Marketing Manager	
Drafter		Specialty Trades Subcontractor		Equipment and Material Manager	
Regional and Urban Planner/Designer		Education and Training Director/Coordinator		Maintenance Planner/Scheduler	
Industrial Engineer		Security and Fire Alarm Systems Installer		Security Controls Manager	
Materials Engineer		Explosives Worker		Specialty Trades Subcontractor	
Environmental Designer		Heating, Ventilation, Air Conditioning and Refrig Mechanic		Iron/Metalworker (structural and reinforcing)	
Civil Engineer (structural, geotechnical, transportation)		Landscape/Groundskeeper		Terrazo Worker and Finisher	
Programmer		Manufacturer's Representative		Hydro Testing Technician	
Mechanical Engineer (HVAC, plumbing, fire protection, etc.)		Sales and Marketing Manager		Thermal Control Technician	
Electrical Engineer (electronics, security, telecommunications)		Equipment and Material Manager		Landscape/Groundskeeper	
Preservationist		Construction Craft Laborer		Hazardous Materials Remover	
Environmental Engineer (hydro engineering, acoustical, etc.)		Construction Foreman		Wastewater Maintenance Technician	
Landscape Architect		Project Manager	Concrete Finisher	Security and Fire Alarm System Installer	
Surveyor		Construction Inspector	Elevator Installer	Glazier	
Fire Prevention and Protection Engineer		Superintendent	Drywall Installer	Carpenter	Highway Maintenance Worker
Cost Estimator		Preservationist	Millwright	Mason	System Installer
Electrical and Electronic Engineering Technician		Service Contractor	Plumber	Service Contractor	Field Supervisor
Civil Engineering Technician		Field Supervisor	Insulation Worker	Construction Inspector	Subcontractor
Environmental Engineering Technician		Construction Engineer	Sheetmetal Worker	Remodeler	Safety Director
Surveying and Mapping Technician		Construction Manager	Subcontractor	Maintenance Estimator	Preservationist
Interior Designer		Safety Director	Project Inspector	Operating Engineer	Scheduler
Landscape Designer		Glazier	Estimator	Demolition Engineer	Project Inspector
Specifications Writer		Carpenter	Pipe Fitter	Reliability Engineer	Environmental Engineer
Building Code Official		Electrician	Scheduler	Estimator	Facilities Engineer
Computer Aided Drafter (CAD)		Painter	Carpet Installer	Project Manager	Construction Foreman
Renderer (traditional and computer)		Plasterer/Drywall	Roofer	Construction Manager	Superintendent
Modeler (traditional and computer)		Mason	Tile and Marble Setter	Specialty Contractor	Construction Engineer
				Electrician	Boilermaker
			Cost Estimator	Sheetmetal Worker	
			Insulation Worker	Carpet Installer	
			Tile and Marble Setter	Plumber	
			Restoration Technician	Pipe Fitter	