

# Architecture & Construction

Career in designing, planning, managing, building and maintaining the built environment.

Pathway	Specific Occupations	
<b>Construction</b>	Boilermakers	Millwrights
	Carpenters	Painters
	Carpet Installers	Paperhangers
	Concrete Finishers	Pipe Fitters
	Construction Craft Laborers	Plasterers/Drywall Installers
	Construction Engineers	Plumbers
	Construction Inspectors	Preservationists
	Construction Managers	Project Inspectors
	Construction Foreman	Project Managers
	Education & Training Directors/Coordinators	Roofers
	Electrician	Safety Directors
	Electronic Systems Technicians	Sales & Marketing Managers
	Elevator Installers	Schedulers
	Estimators	Security & Fire alarm Systems Installers
	Explosives Workers	Service Contractors
	Field Supervisors	Sheet Metal Workers
	General Contractors/Builders	Specialty Contractors
	Glaziers	Specialty Trades Subcontractors
	Heating, Ventilation, Air Conditioning & Refrigeration Mechanics	Steamfitters
	Insulation Workers	Subcontractors
	Iron/Metalworkers (structural & reinforcing)	Superintendents
L&scapers/Groundskeepers	System Installers	
Manufacturer's Representatives	Terrazzo Workers & Finishers	
Masons	Tile & Marble Setters	
<b>Design &amp; Pre-Construction</b>	Architects	Interior Designers
	Architectural & Civil Drafters	L&scape Architects
	Building Code Officials	L&scape Designers
	Civil Engineering Technicians	Materials Engineers
	Civil Engineers (structural, geotechnical, transportation, etc.)	Mechanical Drafters
	Computer-Aided Drafters (CAD)	Mechanical Engineers (HVAC, plumbing, fire protection, etc.)
	Cost Estimators	Modelers (traditional & computer)
	Drafters	Preservationists
	Electrical & Electronic Engineering Technicians	Programmers
	Electrical Engineers (electronics, security, telecommunication)	Regional & Urban Planners/Designers
	Environmental Designers	Renderers (traditional & computer)
	Environmental Engineering Technicians	Specifications Writers
	Environmental Engineers (hydro engineering, acoustical, etc.)	Surveying & Mapping Technicians
	Fire Prevention & Protections Engineers	Surveyors
	Industrial Engineers	

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Pathway	Specific Occupations	
<b>Maintenance &amp; Operations</b>	Carpenters	Millwrights
	Carpet Installers	Operating Engineers
	Concrete Finishers	Paperhangers
	Construction Engineers	Pipe Fitters
	Construction Inspectors	Plumbers
	Construction Managers	Preservationists
	Constructions Foreman	Project Inspectors
	Demolition Engineers	Project Managers
	Drywall Installers	Refractory Technicians
	Elevator Installers	Reliability Engineers
	Environmental Engineers	Remodelers
	Equipment and Material Managers	Restoration Technicians
	Estimators	Safety Directors
	Facilities Engineers	Sales and Marketing Managers
	Field Supervisors	Schedulers Maintenance Planners/Schedulers
	General Maintenance Contractors	Security and Fire alarm Systems Installers
	Glaziers	Security Controls Managers
	Hazardous Materials Removers	Service Contractor Subcontractors
	Heating, Ventilation, Air Conditioning and Refrigeration Mechanics	Specialty Contractors
	Highway Maintenance Workers	Specialty Trades
	Hydro Testing Technicians	Steamfitters
	Insulation Workers	Subcontractors
	Iron/Metalworkers (structural and reinforcing)	Superintendents
	Landscapers/Groundskeepers	Thermal Control Technicians
	Maintenance Estimators	Tile and Marble Setters
	Manufacturer's Representatives	Wastewater Maintenance Technicians
	Masons	