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

- Architect
- Archiectural and Civil Drafter
- Civil Engineer (structural, geotechnical, transportation, etc.)
- Civil Engineering Technician
- Code Official
- Computer Aided Drafter (CAD)
- Cost Estimator
- Drafter
- Electrical and Electronic Engineering Technician
- Electrical Engineer (electronics, security, telecommunications)
- Environmental Designer
- Environmental Engineer (hydro engineering, acoustical, etc.)
- Environmental Engineering Technician
- Fire Prevention and Industrial Engineer
- Interior Designer
- Landscape Designer
- Landscape Architect
- Materials Engineer
- Mechanical Drafter
- Mechanical Engineer (HVAC, plumbing, fire protection, etc.)
- Modeler (traditional and computer)
- Planner/Designer
- Preservationist
- Programmer
- Protection Engineer
- Regional and Urban
- Specifier (traditional and computer)
- Specifications Writer
- Building
- Surveying and Mapping Technician
- Surveyor

Sample Career Specialties/Occupations

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- Surveyor

- Boilermaker
- Carpenter
- Carpet Installer
- Concrete Finisher
- Construction Craft Laborer
- Construction Engineer
- Construction Foreman
- Construction Inspector
- construction Manager
- Drywall Installer
- Education and Training Director/Coordinator
- Electrical & Power Transmission Installer
- Electrician
- Electronic Systems Technician
- Elevator Installer
- Equipment and Material Manager
- Estimator
- Explosives Worker
- Field Supervisor
- Floor Layer
- General Contractor/Builder
- Glazier
- Heating, Ventilation, Air Conditioning and Refrigeration Mechanic
- Insulation Worker
- Iron/Metalworker (structural and reinforcing)
- Landscaper/Groundskeeper

- Line worker
- Manufacturer’s Representative
- Mason
- Millwright
- Painter
- Pipe Fitter
- Pipe layer
- Pipeline Installer
- Plasterer/Drywall Plumber
- Plumber
- Preservationist
- Project Inspector
- Project Manager
- Roofing
- Safety Director
- Sales and Marketing Manager
- Scheduler
- Security and Fire Alarm Systems Installer
- Service Contractor
- Sheet metal Worker
- Specialty Contractor
- Specialty Trades Subcontractor
- Steamfitter
- Superintendent
- System Installer
- Terrazzo Worker and Finisher
- Tile and Marble Setter

- Boilermaker
- Carpenter
- Carpet Installer
- Concrete Finisher
- Construction Craft Laborer
- Construction Engineer
- Construction Foreman
- Construction Inspector
- Cost Estimator
- Demolition Engineer
- Drywall Installer
- Electrician
- Elevator Installer
- Environmental Engineer
- Equipment and Material Manager
- Estimator
- Facilities Engineer
- Field Supervisor
- General Maintenance Contractor
- Glazier
- Hazardous Materials Remover
- Heating, Ventilation, Air Conditioning and Refrigeration Mechanic
- Insulation Worker
- Iron/Metalworker (structural and reinforcing)
- Landscaper/Groundskeeper
- Maintenance Estimator
- Maintenance Planner/Scheduler

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Pathways | Design/Pre-Construction | Construction | Maintenance/Operations
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Cluster knowledge and skills

- Academic Foundations
- Communications
- Problem Solving and Critical Thinking
- Information Technology
- Systems
- Safety, Health and Environment
- Leadership and Teamwork
- Ethics and Legal Responsibilities
- Employability and Career Development
- Technical Skills

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