

# ARCHITECTURE AND CONSTRUCTION

Jobs in the Architecture and Construction field involve designing, building, or repairing structures including highways, bridges, houses, and buildings.



Do you like hands-on work? ?

Do you enjoy geometry and physics? ?

Do you like group projects? ?

Are you good at following directions? ?

Do you like to build things? ?

## CAREERS IN ARCHITECTURE AND CONSTRUCTION

1. Architect
2. Carpenter
3. Interior Designer
4. Civil Engineer
5. Solar Thermal Installer and Technician
6. Landscape Architect
7. Surveying and Mapping Technician
8. Transportation Engineer
9. Construction and Building Inspector
10. Structural Iron and Steel Worker

### CAREER SNAPSHOTS

#### Plumbers, Pipefitters, & Steamfitters

Assemble, install, alter, or fix pipelines or pipe systems.

**Regional Salary** - \$46,600

**Educational Level** - High School Diploma

##### Daily Tasks

- Cut, thread, or hammer pipes to specifications.
- Plan pipe system layout, installation, or repair.
- Inspect, examine, or test installed systems or pipelines.

##### Required Skills

- Critical Thinking
- Judgement and Decision Making
- Troubleshooting

#### HVAC and Refrigeration Mechanics and Installers

Install or repair heating, central air cooling, or refrigeration systems.

**Regional Salary** - \$46,400

**Educational Level** - Postsecondary Certificate

##### Daily Tasks

- Inspect and test electrical circuits or components.
- Repair or replace defective equipment or wiring.
- Interpret blueprints, specifications, or diagrams.

##### Required Skills

- Operations Monitoring
- Critical Thinking
- Troubleshooting

#### Electricians

Install, maintain, or fix electrical wiring or equipment.

**Regional Salary** - \$49,300

**Educational Level** - High School Diploma

##### Daily Tasks

- Assemble, install, test, or maintain electrical equipment.
- Plan layout and installation of electrical wiring.
- Prepare sketches or follow blueprints of wiring or equipment.

##### Required Skills

- Troubleshooting
- Repairing
- Active Listening



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