

COMPARING CAREER PATHS

CONSTRUCTION MANAGEMENT

Construction Managers often exhibit:¹

- Decision making
- Communication
- Resourceful
- Methodical
- Hands-on Nature
- Managerial
- Action Oriented

Sample Courses:

Math, physics, strength of materials, estimating, scheduling, surveying, law, accounting, leadership, plan reading and management

Potential Job Titles:

Construction Engineer, Project Engineer, Field Engineer, Superintendent, Estimator, Project Manager

CIVIL ENGINEERING

Engineers often exhibit:¹

- Theoretical Methods
- Logical
- Focus
- Detail-Oriented
- Individualistic
- Curious
- Reserved

Sample Courses:

Math, physics, chemistry, statics, strength of materials, hydraulics, thermodynamics, geometrics and engineering mechanics

Potential Job Titles:

Professional Engineer*, Surveyor, Project Engineer, Field Engineer

**Graduation from ABET accredited school with a degree in engineering. Complete Fundamentals of Engineering exam. Complete Engineer in Training. Accumulate at least 4 years of experience. Complete a written PE examination.*

Varies by State.

ARCHITECTURE

Architects often exhibit:¹

- Creative
- Adaptive
- Persistence
- Tradition and Culture Awareness
- Imagine and Create Experiences
- Confidence
- Passion

Sample Courses:

Design studios, history and philosophy of architecture, structural systems, and preservation of buildings

Potential Job Titles:

Registered Architect*, Designer

**Architect license earned after at least three years of experience and successful completion of the architect exam.*

Varies by State.

