

## What Can I Do With a Major in...

# BUILDING CONSTRUCTION TECHNOLOGY

Those employed in the Building Construction Technology industry are responsible for examining the construction of buildings, roads, sewer and water systems, dams, bridges, and other structures to ensure compliance with building codes, ordinances, and zoning regulations. You may also make an initial inspection during the first phase of construction, and follow-up throughout the construction project to monitor compliance with regulations.

### What type of career can I have with this major?

Since this major is so comprehensive, you will have a variety of excellent employment opportunities.

- Boiler Inspector
- Building Inspector
- Carpenter
- Construction Contractor
- Construction Manager
- Construction Equipment Operator
- Cost Estimator
- Drafter
- Electrician
- General Superintendent
- Industrial Engineering Technician
- Mechanical Inspector
- Pipe Fitters
- Plan Examiner
- Plumber
- Plumbing Inspector
- Surveying Technician

### Where can I work?

This profession provides you with a choice of various work environments including government agencies, non-profit organizations, for-profit agencies, public and private companies, and firms.

- Architecture Companies
- Building Construction Firms
- Carpentry Firms
- Commercial Development Firms
- Construction Management Firms
- Drafting Firms
- Engineering Companies
- Federal Government
- Home Inspection Companies
- Inspection Businesses
- Local and State Government
- Plumbing Companies
- Private Practice
- Real Estate Development Firms
- Surveying Companies

### What type of professional organizations and resources are available in this industry?

There are many professional organizations that offer resources, articles, job opportunities, training and conference information. We suggest you visit each organization's website to gather more information and contacts in your field.

- American Council for Construction Education
- American Institute of Constructors
- American Society of Home Inspectors, Inc.
- Associated Builders and Contractors
- Associated General Contractors of America, Inc.
- Building Officials and Code Administrators International, Inc.
- Construction Management Association of America
- International Conference of Building Officials
- International Code Council

### What type of Building Construction Technology program does San Diego Mesa College offer?

The program at Mesa College is designed for the student who is interested in a construction-related career. Knowledge of these skills and tools will assist students seeking an entry-level inspection position upon graduation.

- Certificate of Achievement: Inspection
- Associate in Science: Inspection

*See college catalog for program descriptions, course titles, and areas of emphasis.*

## Getting a Degree/Certificate in...

# BUILDING CONSTRUCTION TECHNOLOGY

## Associates Degrees/Certificates

### Getting Started

- Step 1:** [Application](#) - Start by completing the online application for admission
- Step 2:** [Orientation](#) - Complete the online New Student Orientation (Flash player required)
- Step 3:** [Assessment](#) - Visit the Assessment office to learn about English and math testing
- Step 4:** [Advisement](#) - Complete the online First Semester Planning Workshop
- Step 5:** [Registration](#) - Register for classes

### While You're Taking Classes

- |  |                      |                              |
|--|----------------------|------------------------------|
| Update your resume and craft a cover letter  | Attend job fairs     | Conduct industry research    |
| Look into volunteer/internship opportunities | Perform job searches | Think about transfer options |
- See the Transfer or Career Center for assistance*

## Transfer Options

### Getting Started

- 1) Join a professional building construction technology association as a student member
- 2) Map out where you want to transfer for your building construction technology Bachelor's degree. Please note that several different institutions in Southern California offer similar degrees such as San Diego State University, California State University, Long Beach, California Polytechnic State University Pomona, and National University.

### Education Planning

#### Fall semester 1<sup>st</sup> year (1-15 units):

- 1) Attend transfer workshops
- 2) Review articulation agreements
- 3) Map general education (GE) requirements
- 4) Identify regionally accredited 4-year institutions to apply
- 5) Attend a Transfer Fair
- 6) Meet with a counselor

#### Spring semester 1<sup>st</sup> year (16-30 units):

- 1) Continue to attend transfer workshops
- 2) Check-in with a counselor to make sure your educational plan is on track
- 3) Seeking tutoring assistance in the academic skills center to keep your grades competitive

#### Fall semester 2<sup>nd</sup> year (31-45 units):

- 1) Submit admissions applications to 4-year institutions: Fall for CSU/UC; Early spring for private and out-of-state institutions
- 2) Identify deadlines and due dates for admissions transcripts and other documents

#### Spring semester 2<sup>nd</sup> year (46-60 units):

- 1) Identify deadlines and due dates for admissions transcripts and other documents
- 2) Submit your FAFSA between January 1<sup>st</sup>-March 1<sup>st</sup>.
- 3) Turn in your deposit and registration forms to the institution you decide to attend.
- 4) Attend the transfer orientation event(s) at your new campus
- 5) Complete academic coursework and transfer!

### While You're Taking Classes

- Update your resume
- Prepare a cover letter
- Complete an internship in building construction
- Build your network
- Maintain a strong GPA
- Hold a leadership position in a building construction club/society
- Find a mentor
- Visit your Career Center as much as possible!

## Certified Construction Licensing

