

ABOUT THE PROGRAM:

Students in the Construction Technology (CT) program will develop the knowledge-base necessary to be employable in the construction industry. Subjects will include building codes, construction design, and project management.

The CT program has two options; Building Inspection and Construction Management. The Building Inspection option has an emphasis on code interpretation and project design requirements. The Construction Management option has an emphasis on business management and project supervision. CT students are prepared for many different construction-related opportunities such as self-employed contractors, building inspectors, project designers, and various levels of construction supervision.



CONTACT:

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VENTURA COLLEGE

CONSTRUCTION TECHNOLOGY



Build Your Future!

SET YOUR COURSE



BUILD YOUR FUTURE WITH CONSTRUCTION TECHNOLOGY

The construction industry is huge, employing more than 10 million people, so the need for skilled workers is there. At Ventura College we can give you the edge you need to be an excellent candidate for hire in this continually growing field.

Belief in oneself is one of the most important bricks in building any successful venture.

Lydia M. Child

THE JOB MARKET

According to the U.S. Bureau of Labor Statistics, median pay for construction managers and building inspectors is about \$83,000 per year with an Associate's degree. Employment opportunities are expected to grow 17 percent per year through 2020.

Construction managers and building inspectors will continue to be needed as population and business growth result in new construction of residential dwellings, office buildings, retail outlets, hospitals, schools, restaurants, and other structures.

In addition to new construction projects, a growing emphasis on retrofitting buildings to make them more energy efficient should create additional jobs, as well as the need to address portions of the national infrastructure such as roads, bridges, and sewer systems.



CERTIFICATE OF ACHIEVEMENT
ASSOCIATE OF SCIENCE DEGREE

BUILDING INSPECTION OPTION

REQUIRED COURSES

- CT V12/ARCH V12 Advanced Blueprint Reading: Commercial/Industrial 3 UNITS
- CT V58/ARCH V58 International Residential Code 3UNITS
- CT V59/ARCH V59 International Building Code 3 UNITS
- CT V66 National Electrical Code 3 UNITS
- CT V71 Uniform Plumbing Code 3 UNITS
- CT V72 Uniform Mechanical Code 3 UNITS

REQUIRED ADDITIONAL COURSES
Select four (4) of the following courses:

- CT V20/DRFT V2B/ARCH V11 Blueprint Reading: Architecture/Construction 3 UNITS
- CT V43 Electrical Code Certification Preparation 2 UNITS
- CT V60/ARCH V60 Simplified Engineering for Building Construction 3 UNITS
- CT V62 Structural Masonry Construction 3 UNITS
- CT V63 Reinforced Concrete Construction 3 UNITS
- CT V65/WEL V65 Structural Steel and Welding Construction 3 UNITS
- CT V67/ARCH V67 Building Accessibility Regulations 2 UNITS
- CT V70 California Green Building and Energy Code 3 UNITS

May select three (3) units from the following courses as part of the four (4) courses additionally required:

- CT V95 Construction Technology Internship I 3 UNITS
- CT V96 Construction Technology Internship II 3 UNITS

TOTAL 28-30 UNITS

CONSTRUCTION MANAGEMENT OPTION

REQUIRED COURSES

- CT V20/DRFT V2B/ARCH V11 Blueprint Reading: Architecture/Construction 3 UNITS
- CT V50 Construction Contractor License Preparation 3 UNITS
- CT V64/ARCH V64 Building Construction: Materials & Methods 3 UNITS
- CT V75/ARCH V75 Intro. to Electrical, Plumbing & Mechanical Systems 3 UNITS
- CT V77 Construction Office Management 3 UNITS
- CT V79 Construction Estimating 3 UNITS

REQUIRED ADDITIONAL COURSES
Select four (4) of the following courses:

- CT V12/ARCH V12 Advanced Blueprint Reading: Commercial/Industrial 3 UNITS
- CT V30 Machine Woodworking 3 UNITS
- CT V37/HORT V37 Landscape Construction 3 UNITS
- CT V52 Property Inspection 3 UNITS
- CT V58/ARCH V58 International Residential Code 3 UNITS
- CT V59/ARCH V59 International Building Code 3 UNITS
- CT V76 Construction Job Site Management 3 UNITS

May select three (3) units from the following courses as part of the four (4) courses additionally required:

- CT V95 Construction Technology Internship I 3 UNITS
- CT V96 Construction Technology Internship II 3 UNITS

TOTAL 30 UNITS

