

# CONSTRUCTION TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT (C)

## Overview

The need for residential and commercial construction is a fact of every society. With local, state, and national infrastructure (creation and maintenance) falling behind, the construction trades will more and more be in demand. With the "Green" or Sustainability direction the country is going in now, training in green job skills is imperative. And with the recent application of building science to the construction industry, new building performance standards will have to be learned by all workers, contractors, and designers.

Santa Barbara City College's Construction Technology Department offers comprehensive training for entry-level positions in industry, mid-level and advanced training for incumbent workers, and green building and building science training for architects, contractors, and those entering the construction trades.

Full credit is granted for each course successfully completed. Students who complete the 41.1 units of required Construction Technology courses earn a Certificate of Achievement in Construction Technology.

Those who also complete Institutional and General Education course requirements earn the Associate in Science degree in Construction Technology. The department offers all courses with an open-door policy--both for majors and non-majors.

## Requirements

### Certificate of Achievement Requirements

Complete all Department Requirements for the Certificate of Achievement with a cumulative grade point average (GPA) of 2.0 or better. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC.

Code	Title	Units
<b>Department Requirements</b>		
CT 110	Beginning Construction	4.7
CT 111	Beginning Construction Trades	4.7
CT 112	Framing	3
CT 113	Roof Framing	3
CT 114	Beginning Finish Carpentry	3
CT 115	Intermediate Finish Carpentry	3
CT 116	Blueprint Reading	3
CT 118	Measuring and Calculating	3
CT 122	Building Green	6
CT 124	Building Performance	3
<b>Total Units</b>		<b>36.40</b>

## Learning Outcomes

1. Use construction tools safely and efficiently.
2. Demonstrate knowledge of component systems of typical residences.
3. Build a typical construction structure (wall, roof, cabinet, etc.).
4. Install typical construction trim (fascia, base, crown, flooring, etc.).

5. Demonstrate understanding of the necessity and components of building science and green building.

## Recommended Sequence

Make an appointment with your SBCC academic counselor through Starfish to create a Student Education Plan that reflects a recommended course sequence for this program that is tailored to your individual needs.

How to schedule an Academic Counseling appointment (<https://www.sbcc.edu/counselingcenter/counselingappointments.php>).