

BUILDING CODES PROFESSIONAL, ASSOCIATE OF SCIENCE DEGREE

3_AS_BCPRO

Coastline’s Building Codes Professional program (BCT) is a comprehensive building codes program taught by experts in the field which includes structural, mechanical, and technical aspects of construction; building, plumbing, electrical, heating and air conditioning codes; and related laws. International Conference of Building Officials (ICBO), International Code Councils (ICC), and California Code exams and licenses are covered to prepare students for employments in residential, commercial, and code enforcement.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Assess new and existing residential, commercial, public and industrial buildings, and offer recommendations for property improvement before or after purchase or for a specific project.
2. Working with architects, engineers, contractors, and property owners, inspect and evaluate construction plans, use of materials and workmanship to assure they comply and meet minimum code requirements.

Associate Degree Requirements

Unit Requirement

Complete at least 60 units of acceptable college work with a minimum of 12 units completed in residence at Coastline. Earn an overall grade point average of 2.0 or higher from all colleges attended and a 2.0 or higher grade point average at Coastline.

*Students must be in good academic standing (not on probation and/or disqualification) during the semester graduation is petitioned.

Program of Study

Complete the required courses in one of the programs as detailed In the Academic/Career/Certificate Programs section of this catalog. All coursework must be completed with a grade of C or higher.

General Education

Complete one of the three General Education options below (visit the General Education page for details (<https://catalog.cccd.edu/coastline/general-education/>)):

Option 1 – Coastline General Education: designed for students pursuing an Associate degree and who may or may not be planning to transfer to a four-year university. The degree is transferable to many colleges and universities.

Option 2—CSU GE Breadth: designed for students who are planning to transfer to a university in the CSU system. It may also be appropriate for transfer to some independent colleges and universities.

Option 3—IGETC: designed for students who are planning to transfer to a university in the CSU or UC system. It also may be appropriate for transfer to some independent colleges and universities.

Global and Multicultural Studies Requirement

Complete at least 2.5 units from any Global and Multicultural Studies courses. See what courses fulfill the Global and Multicultural Studies Requirement (<https://catalog.cccd.edu/coastline/graduation-requirements/#globalandmulticulturalstudies>).

Course	Title	Units
Required Courses		
Students will complete all of the following:		
BCT C300	Introduction to International Building Code	3
BCT C301	Residential/Construction Blueprint Reading	3
BCT C302	California Administrative Code (Title 24)	3
BCT C303	Non-Structural Provisions of Building Code	3
BCT C304	Concrete Code	3
BCT C305	Framing Requirements of Building Code	3
BCT C306	Electrical Code	3
BCT C307	Mechanical Code	3
BCT C308	Plumbing Code	3
BCT C311	The International Residential Code	3
Total for Major		30
Requirement		Units
Total Units for Major Preparation		30
Degree Option 1, 2, or 3		Varies
Electives to satisfy unit requirement		Varies
Total Degree Units		60