

# BUILDING CODES PROFESSIONAL, ASSOCIATE OF SCIENCE DEGREE

**Banner Code:** 3\_AS\_BCPRO

**Control Number:** 20372

**Financial Aid Eligible**

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.

Review Graduation Requirements (<https://catalog.cccd.edu/coastline/graduation-requirements/associate-degree/>) and General Education (<https://catalog.cccd.edu/coastline/general-education/>).

Course	Title	Units
<b>Required Core</b>		
Complete 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
<b>Units Required for Major</b>		<b>30</b>
<b>Requirement</b>		
Local General Education, CSU General Education, or IGETC pattern		Varies
Electives to satisfy unit requirement		Varies
<b>Total Units for Degree</b>		<b>60</b>