

BUILDING CODES INSPECTOR, ASSOCIATE OF SCIENCE DEGREE

Banner Code: 3_AS_BCISP

Control Number: 20372

Financial Aid Eligible

Coastline's Building Codes Inspector program (BCI) 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 the Associate in Science and Associate in Arts Graduation Requirements (<https://catalog.cccd.edu/coastline/graduation-requirements/associate-degree/>) and General Education (<https://catalog.cccd.edu/coastline/general-education/>) requirements.

| Course | Title | Units |
|--|---|--------------|
| Required Core | | |
| Complete the following: | | |
| BCI C100 | Introduction to International Building Code | 3 |
| BCI C101 | Residential/Construction Blueprint Reading | 3 |
| BCI C102 | California Administrative Code (Title 24) | 3 |
| BCI C103 | Non-Structural Provisions of Building Code | 3 |
| BCI C104 | Concrete Code | 3 |
| BCI C105 | Framing Requirements of Building Code | 3 |
| BCI C106 | Electrical Code | 3 |
| BCI C107 | Mechanical Code | 3 |
| BCI C108 | Plumbing Code | 3 |
| BCI C111 | International Residential Code | 3 |
| Units Required for Major | | 30 |
| Requirement | | Units |
| Local General Education or CalGETC pattern | | 24-34 |
| Electives to satisfy unit requirement | | Varies |
| Total Units for Degree | | 60 |