

BIT 310A: CALIFORNIA BUILDING CODES INTRODUCTION

New Course Proposal

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Originator

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Co-Contributor(s)

Name(s)

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Justification / Rationale

This course is Module 1 of 3 of a non-credit overlay version of BIT 10 California Building Codes. The non-credit version provides vocational skills training opportunities to the incumbent workforce and those currently underemployed or unemployed.

Effective Term

Fall 2020

Credit Status

Noncredit

Subject

BIT - Building Inspection Technology

Course Number

310A

Full Course Title

California Building Codes Introduction

Short Title

CA BLDG CODES INTRO

Discipline

Disciplines List

Building Codes and Regulations (Inspecting of construction, building codes, contractor training)

Modality

Face-to-Face

100% Online

Catalog Description

This course is an introduction to the California Building, Housing, and Disabled Access Codes used for construction, maintenance, and use of buildings and grounds within the State of California. It emphasizes an understanding of code sections and provisions and the relationships between building, housing, energy and disabled access codes.

Schedule Description

Introduction to California Building, Housing, and Disabled Access Codes used for construction, maintenance, and use of buildings and grounds within the State of California.

Non-credit Hours

54

Lecture Units

0

Lab Units

0

In-class Hours

18

Out-of-class Hours

36

Total Course Units

0

Total Semester Hours

54

Override Description

Noncredit courses do not have lecture and lab. The out of class hours were adjusted to provide the same total as the equivalent credit course.

Required Text and Other Instructional Materials**Resource Type**

Book

Author

California Building Standards Commission

Title

California Building Codes, Volume I

Edition

latest

City

Sacramento

Publisher

International Code Council

Year

2019

College Level

Yes

Flesch-Kincaid Level

12.4

ISBN #

9781609838911

Resource Type

Book

Author

California Building Standards Commission

Title

California Building Codes, Volume II

Edition

latest

City

Sacramento

Publisher

International Code Council

Year

2019

College Level

Yes

Flesch-Kincaid Level

12.4

Class Size Maximum

28

Course Content

1. Introduction.
2. General code requirement provisions, Building and Disabled Access Codes.
3. Requirements for types of construction relating to codes.
4. Occupancy: types and uses.
5. Means of Egress.
6. Maintenance of Buildings and Property.
7. Building Construction Processes.

Course Objectives

Objectives	
Objective 1	Explain the California Building Codes used in construction, regulation and design.
Objective 2	Discuss skills for employment in private or public construction fields as an inspector or plans examiner.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Cite California building codes in construction, regulation, and design.
Outcome 2	Apply the California building codes in construction, regulation, and design.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Discussion	Classroom and group discussions.
Demonstration, Repetition/Practice	Discussion of applicable code examples.
Participation	Individual and group critique of code examples.
Lecture	Presentation of topic in context.
Other (Specify)	Presentation of construction materials.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Self-paced testing, Student preparation	Research appropriate building codes for a Residential construction project and create a 10-minute presentation on the solution and research methods used to create the recommendation.	Out of Class Only
Presentations/student demonstration observations	Present 10-minute code application research project created out of class.	In Class Only

Student participation/contribution	Active participation in class and group discussions.	In Class Only
Group activity participation/observation	Evaluate student presentations on code examples and provide both supportive and critical comments verbally in class and as a written assignment out of class.	In and Out of Class
Tests/Quizzes/Examinations	Timed quizzes out-of-class and discussion of correct answers in class.	In and Out of Class
Mid-term and final evaluations	Comprehensive exams covering the entire content of the class. Exams may include project analysis or multiple choice and true/false questions.	In and Out of Class
Other	Out-of-class hours will be accounted for electronically through the learning management system.	Out of Class Only

Assignments

Other In-class Assignments

1. Presentation of class subjects and materials.
2. Review code sections.
3. Evaluate residential construction examples.
4. Present research projects.

Other Out-of-class Assignments

1. Reading assignments of codes and handouts.
2. Visit construction sites.
3. Review code sections presented in classes.
4. Research building code solutions to residential project situations.

Grade Methods

Pass/No Pass Only

Distance Education Checklist

Instructional Materials and Resources

Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

Within Course Management System:

Timely feedback and return of student work as specified in the syllabus
 Discussion forums with substantive instructor participation
 Chat room/instant messaging
 Regular virtual office hours
 Online quizzes and examinations
 Weekly announcements

External to Course Management System:

Direct e-mail

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.

Timely feedback and return of student work as specified in the syllabus.
 Discussion forums with substantive instructor participation
 Online quizzes and examinations
 Weekly announcements

Other Information

Provide any other relevant information that will help the Curriculum Committee assess the viability of offering this course in an online or hybrid modality.

Course introduces students to the online California Building Codes which they will need to read and reference online throughout careers in the construction industry.

MIS Course Data

CIP Code

46.0403 - Building/Home/Construction Inspection/Inspector.

TOP Code

095720 - Construction Inspection

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Other Non-credit Enhanced Funding

Approved Special Class

Not special class

Noncredit Category

Short-Term Vocational

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

Allow Audit

No

Repeatability

Yes

Repeatability Limit

NC

Repeat Type

Noncredit

Justification

Noncredit courses are repeatable until students are comfortable they have achieved the skills and knowledge required to meet the outcomes and objectives of the course.

Materials Fee

No

Additional Fees?

No

Approvals**Curriculum Committee Approval Date**

10/17/2019

Academic Senate Approval Date

10/24/2019

Board of Trustees Approval Date

11/13/2019

Chancellor's Office Approval Date

01/10/2020

Course Control Number

CCC000611543

Programs referencing this courseCalifornia Building Codes Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined?key=253/>)Construction Technology Career Preparation Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined?key=292/>)