

BIT 310B: CALIFORNIA BUILDING CODES ADA REQUIREMENTS

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 2 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

310B

Full Course Title

California Building Codes ADA Requirements

Short Title

CA BLDG CODES ADA

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 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 Disabled Access Codes used for construction, maintenance, and use of buildings and grounds within the State of California. Prerequisite: BIT 310A

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.

Prerequisite Course(s)

BIT 310A

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

ISBN #

9781609838911

Class Size Maximum

28

Entrance Skills

Explain the California Building Codes used in construction, regulation and design.

Requisite Course Objectives

BIT 310A-Explain the California Building Codes used in construction, regulation and design.

Course Content

1. General code requirement provisions building and disabled access codes.
2. Disabled access basic path of travel requirements and space requirements.
3. Parking and fixtures.
4. Comparison between Americans with Disabilities Act (ADA) and State Law Requirements.

Course Objectives

	Objectives
Objective 1	Explain how the California Disabled Access Building Codes impact construction, regulation and design of residential buildings.

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Cite California building codes for disabled access in construction, regulation, and design.
Outcome 2	Apply the California building codes for disabled access 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	Class discussion and questions.
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 disabled building codes for a residential construction project and create a 10-minute presentation on the solution and on the research methods use to identify your 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 and 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 outside of class or multiple choice and true/false questions in class.	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

CCC000611544

Programs referencing this course

California Building Codes Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined?key=253/>)