1. **COURSE ID:** BLDG 735  **TITLE:** ADA Building Requirements  
   **Units:** 3.0 units  **Hours/Semester:** 48.0-54.0 Lecture hours; and 96.0-108.0 Homework hours  
   **Method of Grading:** Grade Option (Letter Grade or Pass/No Pass)

2. **COURSE DESIGNATION:**  
   **Degree Credit**  
   **Transfer credit:** none

3. **COURSE DESCRIPTIONS:**  
   **Catalog Description:**  
   The course will educate students about the history of the Disability Civil Movement and how that movement translated into the development of federal and state legislation regarding accessible design and construction in the built environment. The course will cover the content and field application of current codes, standards and guidelines, including the ABA, ADA, FFHAA, Section 504 and the California Building Code.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**  
   Upon successful completion of this course, a student will meet the following outcomes:  
   1. Explain the Disabled Rights Movement.  
   2. Discuss major lawsuits and controversies associated with accessible design, and their effect on design and construction of buildings in the last two decades.  
   3. Recall various regulations.  
   4. Discuss basic compliance inspection techniques.  
   5. Comprehend key accessible building elements used in various building scenarios.  
   6. Discuss the design, alteration, and construction of accessible building elements.  
   8. Analyze design deficiencies and determine remedies.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**  
   Upon successful completion of this course, a student will be able to:  
   1. Explain the Disabled Rights Movement.  
   2. Discuss major lawsuits and controversies associated with accessible design, and their effect on design and construction of buildings in the last two decades.  
   3. Recall various regulations.  
   4. Discuss basic compliance inspection techniques.  
   5. Comprehend key accessible building elements used in various building scenarios.  
   6. Discuss the design, alteration, and construction of accessible building elements.  
   8. Analyze design deficiencies and determine remedies.

6. **COURSE CONTENT:**  
   **Lecture Content:**  
   1. The history of the Disabled Rights Movement and the adoption and scoping of major Federal legislation and standards; including ANSI A117.1, Section 504 of the Rehabilitation Act, ABA, UFAS, ADA, ADAAG, FFHAA, and the 2010 ADA Standards for Accessible Design.  
   3. Overview of the code and standard adoption process and which state, federal, and private entities are involved. Overview of which entities have jurisdiction over different buildings and facilities.  
   4. Overview of the definitions and acronyms specific to the field of accessible design. Study of the accessible building blocks as presented in ANSI A 117.1.  
   5. Accessibility requirements for new, existing and historical buildings containing public accommodations and commercial interests.  
7. General scoping for State and Federal codes
8. Study of the “building blocks” and how they form the basis for all the technical requirements.
9. Elements of an accessible route including floors and levels, doors, ramps and elevators.
10. General site and building elements including accessible parking and stairs and handrails
11. Accessibility requirements for plumbing elements and facilities including water fountains, sinks, bathing and toilet facilities.
12. Accessibility requirements for communication visual and tactile signage pictograms, variable message signs, telephones and detectable warnings.
13. Special rooms and spaces including auditoriums, sports arenas, transient lodging and public housing.
15. Inspection and design techniques and problem solving.

7. **REPRESENTATIVE METHODS OF INSTRUCTION:**
   Typical methods of instruction may include:
   A. Lecture
   B. Other (Specify): Videos; Guided group discussions; Readings from various state and federal legislations, standards, and codes.; Readings and interactive exercises from various federal, state, and private websites.

8. **REPRESENTATIVE ASSIGNMENTS**
   Representative assignments in this course may include, but are not limited to the following:
   **Writing Assignments:**
   Homework assignments on the history of the accessibility movement as well as code and legislation development and content.
   **Reading Assignments:**
   Weekly readings from various state and federal legislations, standards and codes, and online websites.
   **Other Outside Assignments:**
   Projects involving inspection of accessible elements as well as code application and problem-solving techniques.

9. **REPRESENTATIVE METHODS OF EVALUATION**
   Representative methods of evaluation may include:
   A. Class Participation
   B. Class Performance
   C. Class Work
   D. Exams/Tests
   E. Group Projects
   F. Homework
   G. Oral Presentation
   H. Quizzes

10. **REPRESENTATIVE TEXT(S):**
    Possible textbooks include:

 Origination Date: September 2020
 Curriculum Committee Approval Date: October 2020
 Effective Term: Fall 2021
 Course Originator: Peter von Bleichert