



Western Technical College

## 10304137 Health, Safety & Welfare for Design

### Course Outcome Summary

#### Course Information

<b>Description</b>	A study of industry regulations, code assessment, universal/accessible design principles, and environmental sustainability attributes. Students will demonstrate an ability to understand and analyze life safety elements including egress, fire separation, and energy codes are ensued.
<b>Career Cluster</b>	Architecture and Construction
<b>Instructional Level</b>	Associate Degree Courses
<b>Total Credits</b>	1
<b>Total Hours</b>	18

#### Textbooks

*Codes Guidebook for Interiors*. 8th Edition. Copyright 2022. Kennon, Katherine E. and Sharon K. Harmon. Publisher: John Wiley & Sons, Inc. **ISBN-13:** 978-1-119-72095-9. Required.

#### Success Abilities

1. Live Responsibly: Embrace Sustainability
2. Live Responsibly: Foster Accountability
3. Refine Professionalism: Act Ethically
4. Refine Professionalism: Improve Critical Thinking
5. Refine Professionalism: Practice Effective Communication

#### Program Outcomes

1. Integrate Codes that impact the interior environment

2. Integrate industry guidelines that impact the interior environment

## **Course Competencies**

1. **Implement interior-specific building codes and ADA compliance.**

### **Assessment Strategies**

- 1.1. Design a HSW draft

### **Criteria**

*You will know you are successful when*

- 1.1. you apply codes in compliance with local and state standards.

### **Learning Objectives**

- 1.a. Research building codes.
- 1.b. Investigate ADA compliance for residential and commercial building.

2. **Employ a fundamental understanding of architectural codes.**
3. **Explore healthy living environments.**
4. **Promote the health, safety and welfare of interior environments for its occupants.**
5. **Identify green practices and sustainability efforts in the design industry.**