

**ADED 747B Course Outline as of Summer 2025****CATALOG INFORMATION**

Dept and Nbr: ADED 747B Title: CARPENTRY II

Full Title: Carpentry II

Last Reviewed: 10/23/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	0	Lab Scheduled	8.00	2	Lab Scheduled	140.00
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	140.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 140.00

Title 5 Category: Non-Credit

Grading: Non-Credit Course

Repeatability: 27 - Exempt From Repeat Provisions

Also Listed As:

Formerly: ADLTED 747B

**Catalog Description:**

In this course, students will continue to learn fundamental carpentry skills involved in residential framing including techniques, materials, tools, and equipment. Students will also learn about safe tool use, the basics of building codes, and working on a crew. This course will focus on roof, ceiling, and stair systems.

**Prerequisites/Corequisites:**

Course Completion of ADLTED 740 and ADLTED 739 and ADLTED 747A

**Recommended Preparation:**

Course Completion of ADED 744 ( or ADLTED 744) and Course Completion of ADED 721 ( or ADLTED 721) and Course Completion of ADED 746 ( or ADLTED 746)

**Limits on Enrollment:****Schedule of Classes Information:**

Description: In this course, students will continue to learn fundamental carpentry skills involved in residential framing including techniques, materials, tools, and equipment. Students will also learn about safe tool use, the basics of building codes, and working on a crew. This course will focus on roof, ceiling, and stair systems. (Non-Credit Course)

Prerequisites/Corequisites: Course Completion of ADLTED 740 and ADLTED 739 and ADLTED 747A

Recommended: Course Completion of ADED 744 ( or ADLTED 744) and Course Completion of ADED 721 ( or ADLTED 721) and Course Completion of ADED 746 ( or ADLTED 746)

Limits on Enrollment:

Transfer Credit:

Repeatability: Exempt From Repeat Provisions

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Perform measurements and calculations used in carpentry
2. Build roof and ceiling systems safely using appropriate materials, codes, and tools
3. Build stair systems safely using appropriate materials, codes, and tools

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Understand and apply jobsite safety practices
2. Use measuring tools correctly
3. Understand and apply mathematical calculations used in carpentry
4. Work effectively within a crew structure
5. Demonstrate quality work
6. Understand and apply the materials, tools, and techniques used in roof and ceiling systems
7. Understand and apply the materials, tools, and techniques used in stair systems

### **Topics and Scope:**

- I. Review of Safety
  - A. Daily tail-gate safety meeting
  - B. Occupational Safety and Health Administration (OSHA)
  - C. Personal Protective Equipment (PPE)
- II. Review of Measuring and Common Calculations
  - A. Common measurements in residential building
  - B. Common construction calculations

### III. Roof and Ceiling Framing

- A. Principles of roof and ceiling framing
- B. Roof and ceiling materials
- C. Roof and ceiling tools
- D. Building a roof and ceiling

### IV. Stairs

- A. Principles of stair framing
- B. Stair-building materials
- C. Stair-building tools
- D. Building stairs

### V. Applicable Building Codes

#### Assignment:

1. Weekly quizzes
2. Group discussion and problem-solving activities
3. Skill demonstration: safe tool use and carpentry techniques
4. Individual project or presentation

#### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Group problem-solving activities; individual project or presentation

Problem solving  
10 - 30%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Skill demonstration

Skill Demonstrations  
55 - 80%

**Exams:** All forms of formal testing, other than skill performance exams.

Weekly quizzes

Exams  
10 - 20%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Other Category  
0 - 10%

#### Representative Textbooks and Materials:

Instructor and department prepared materials