

APED 353.8 Course Outline as of Summer 2025

CATALOG INFORMATION

Dept and Nbr: APED 353.8 Title: ROOF REPAIR, MODULE 8

Full Title: Maintenance, Repair and Roofing, Module 8

Last Reviewed: 2/24/2020

Units	Course Hours per Week	Nbr of Weeks	Course Hours Total
Maximum 0.50	Lecture Scheduled	0 16	Lecture Scheduled 0
Minimum 0.50	Lab Scheduled	2.00 8	Lab Scheduled 32.00
	Contact DHR	0	Contact DHR 0
	Contact Total	2.00	Contact Total 32.00
	Non-contact DHR	0	Non-contact DHR 0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 32.00

Title 5 Category: AA Degree Non-Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: APED 350.8

Catalog Description:

This course is for indentured roofer apprentices. The course covers related topics and skills for apprentice roofing workers in their first, second, and third year of the apprenticeship program.

Prerequisites/Corequisites:

Minimum Age 18 or older

Recommended Preparation:

Limits on Enrollment:

Admission to Program - Indentured Roofer Apprenticeship.

Applicants shall be at least 18-years of age at the time of indenture.

Schedule of Classes Information:

Description: This course is for indentured roofer apprentices. The course covers related topics and skills for apprentice roofing workers in their first, second, and third year of the apprenticeship program.

(Grade or P/NP) (Grade Only)

Prerequisites/Corequisites: Minimum Age 18 or older

Recommended:

Limits on Enrollment: Admission to Program - Indentured Roofer Apprenticeship.

Applicants shall be at least 18-years of age at the time of indenture.

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:

IGETC:	Transfer Area	Effective:	Inactive:
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CSU Transfer:	Effective:	Inactive:
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UC Transfer:	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. Describe and demonstrate roofing principles and regulations related to the roofing trade.
2. Apply best practices in practical maintenance and repair related to the roofers' trade.

Objectives:

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

1. Describe the procedures for the maintenance and repair of built-up, shingled, cold applied and rigid roofs.
2. Describe the handling and application of roofing materials.

Topics and Scope:

- I. Introduction to Maintenance and Repairs
- II. Maintenance of Built-Up Roofs
- III. Repair of Built-Up Roofs
- IV. Maintenance and Repair of Shingle Roofs
- V. Cold-Applied Roofing
- VI. Waterproofing
- VII. Rigid Roofing
- VIII. Reroofing

Assignment:

1. Homework assignments (1 to 2 sets per week)
2. Quizzes and examinations (4 to 6 per semester)

3. Class performances and field work (on-the-job demonstrations) of skill development, safety practices, equipment, and material handling

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.

Homework problems

Problem solving
10 - 20%

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

Class performances and fieldwork

Skill Demonstrations
20 - 50%

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

Quizzes and exams

Exams
20 - 50%

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

Class attendance and participation

Other Category
10 - 20%

Representative Textbooks and Materials:

The Uniform Building Code and textbooks published by the California State Bureau of Publications for apprenticeship.