

CATALOG INFORMATION

Dept and Nbr: APED 353.5      Title: APP ROOFERS, MODULE 5  
Full Title: Apprentice Roofers, Module 5  
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 350.5

**Catalog Description:**  
Related supplemental instruction for apprentice roofers (module 5 of 10).

**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: Related supplemental instruction for apprentice roofers (module 5 of 10). (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:**

<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. Describe and demonstrate roofing principles and regulations related to the roofing trade.
2. Apply best practices in practical environment related to the roofers' trade.

### **Objectives:**

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

1. Describe the cold applied systems for roofing, waterproofing, and dampproofing.
2. Identify the tools, equipment, and processes used in cold applied roofing jobs.

### **Topics and Scope:**

- I. Cold Applied Roofing Systems
- II. Waterproofing
- III. Dampproofing
- IV. Tools and Equipment Used in Cold Applied Roofing
- V. Cold Applied Asphaltic Built-Up Roofing
- VI. Cold Applied Bituminous Sheet and Membrane
- VII. Elastomeric Sheet Membrane Roofing
- VIII. Fluid Applied Cold-Processing Roofing
- IX. Hot Applied Waterproofing and Dampproofing
- X. Cold Applied Waterproofing and Dampproofing

### **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 assignments; field work

Problem solving  
10 - 25%

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

Class performances; field work

Skill Demonstrations  
50 - 65%

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

Quizzes and examinations

Exams  
10 - 20%

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

Attendance and participation

Other Category  
5 - 10%

### Representative Textbooks and Materials:

Cold Applied Roofing Systems. 2nd ed. Whitter, Craig. General Training Company. 2010 (classic)