

CATALOG INFORMATION

Dept and Nbr: APED 358 Title: APP PLUMBERS, 9TH SEM
Full Title: Apprentice Plumbers, Ninth Semester
Last Reviewed: 5/14/2018

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	0	18	Lecture Scheduled	0
Minimum	2.00	Lab Scheduled	6.00	8	Lab Scheduled	108.00
		Contact DHR	0		Contact DHR	0
		Contact Total	6.00		Contact Total	108.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 108.00

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:

Catalog Description:
Related supplemental instruction for apprentice plumbers and pipefitters

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:
Indentured apprentice

Schedule of Classes Information:
Description: Related supplemental instruction for apprentice plumbers and pipefitters (Grade Only)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment: Indentured apprentice
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:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

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. Demonstrate knowledge of theory and regulations of plumbers and pipefitters' trade
2. Apply best practices in practical environment related to plumbers and pipefitters' trade

Objectives:

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

1. Select appropriate plumbing fixtures and appliances in the design of plumbing systems
2. Incorporate principles of water supply and drainage for special purpose installations
3. Read and interpret complex blueprints

Topics and Scope:

1. Plumbing fixtures and appliances
2. Drainage water supply
3. Special purpose installations

Assignment:

1. Homework assignments
2. Quizzes and examinations (3 to 5)
3. On-the-job demonstration 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; quizzes; 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 to include multiple choice, true/false, matching items, and completion

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:

Electric Controls for Mechanical Equipment Service. International Pipe Trades Joint Training Committee. 2010 (classic)