

Course Outline

COURSE: DRLT 262 **DIVISION:** 50 **ALSO LISTED AS:**

TERM EFFECTIVE: Fall 2016 **Inactive Course**

SHORT TITLE: ARCHES-FURRING-ADV SYSTEMS

LONG TITLE: Arches, Furring and Advance Systems

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
1.5	1	Lecture:	6	6
		Lab:	30	30
		Other:	0	0
		Total:	36	36

COURSE DESCRIPTION:

This course covers safety, materials, principles, theory, and installation of furring, arch systems, and fire retardant materials. This course has the option of a letter grade or pass/no pass.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: C - Credit - Degree Non Applicable

GRADING MODES

L - Standard Letter Grade

P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

03 - Lecture/Laboratory

04 - Laboratory/Studio/Activity

STUDENT LEARNING OUTCOMES:

1. Interpret and apply the theory, materials and principles of arch systems.

Measure: exams and performance testing

PLO: 7, 1, 2, 6

ILO:

GE-LO:

Year assessed or anticipated year of assessment: 2014

2. Build arch systems to given specifications

Measure: exams and performance testing

PLO: 7, 1, 2, 3, 5, 6

ILO:

GE-LO:

Year assessed or anticipated year of assessment: 2014

PROGRAM LEARNING OUTCOMES:

1. Attain journey level skills needed to be successful in residential and commercial construction.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Inactive Course: 11/28/2016

Out-of-class assignments: For each topic, the student will read chapters and do the homework assignments at the end of the those chapters.

4.5 lec/4.5 lab Hours Fire protection of beams and columns

Fire retardant materials

Fire protection systems

SLO: The student will evaluate, select, and safely install fire retardant and fire protection materials and systems.

Assignments: Read the chapters covered in the lecture and answer the study guide question on the assigned subject. Locate and read in the text or online regarding fire retardant and fire protection materials and systems. Install material for fire protection of beams and columns. Install fire retardant materials and fire protection systems. Identify fire retardant materials used on job-sites.

6 lec/6 lab Hours Wall-furring systems

Lathing and drywall wall-furring

Materials, layouts, and principles of wall covering systems

SLO: The student will select, evaluate, and install wall, lathing and drywall wall-furring systems.

The student will select and evaluate materials, layouts, and principles of wall covering systems.

Assignments: Read the chapters covered in the lecture and answer the study guide question on the assigned subject. Locate and read in the text or online regarding wall, lathing and drywall wall-furring systems. Install wall-furring systems and lathing and drywall wall-furring systems.

5 lec/4.5 lab Hours Identifying, formulating, and constructing arch systems.

Installing metal lath and gypsum wallboard to arches

SLO: The student will identify, formulate, and construct arch systems. The student will install metal lath and gypsum wallboard to arches.

Assignments: Read the chapters covered in the lecture and answer the study guide question on the assigned subject. Select, evaluate, and use material for arch systems. Select, evaluate, and use material for metal lath and gypsum wallboard to arches. Install arch systems, metal lath and gypsum wallboard to arches. Describe different applications of arch systems on job-sites.

3.5 lec/2 lab Hours Installing shelf-wall systems

Safety and installation of lead-lined gypsum wallboard

SLO: The student will evaluate, identify, select, and use shelf-wall systems. The student will evaluate the safety and installation of lead-lined gypsum wallboard.

Assignments: Read the chapters covered in the lecture and answer the study guide question on the assigned subject. Select, evaluate, and install shelf-wall systems. Select, evaluate, and safely install lead-lined gypsum wallboard.

METHODS OF INSTRUCTION:

- A. Lecture and discussion
- B. Visual aids
- C. Demonstrations
- D. Group hands-on exercise
- E. Individual hands-on exercise
- F. One-on-one hands-on instruction

METHODS OF EVALUATION:

CATEGORY 1 - The types of writing assignments required:

Percent range of total grade: 10 % to 30 %

Written Homework

Reading Reports

Lab Reports

Essay Exams

Term or Other Papers

If this is a degree applicable course, but substantial writing assignments are NOT appropriate, indicate reason:

Course primarily involves skill demonstration or problem solving

CATEGORY 2 - The problem-solving assignments required:

Percent range of total grade: 10 % to 40 %

Homework Problems

Field Work

Lab Reports

Quizzes

Exams

CATEGORY 3 - The types of skill demonstrations required:

Percent range of total grade: 20 % to 70 %

Class Performance/s

Field Work

Performance Exams

CATEGORY 4 - The types of objective examinations used in the course:

Percent range of total grade: 10 % to 30 %

Multiple Choice

True/False

Matching Items

Completion

CATEGORY 5 - Any other methods of evaluation:

Percent range of total grade: 0%

REPRESENTATIVE TEXTBOOKS:

Required:

UBC International, United States Gypsum Company. Lathing, Gypsum Construction Handbook. U.S.A.: UBC International, United States Gypsum Company. This is a standard textbook used in the industry. Or other appropriate college level text.

Reading level of text, Grade: 10 Verified by: dvt

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Not Transferable

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department:

CSU Crosswalk Course Number:

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: A

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000507791

Sports/Physical Education Course: N

Taxonomy of Program: 095280