Course Outline

COURSE:   DRLT 210       DIVISION:   50       ALSO LISTED AS:  

TERM EFFECTIVE:  Fall 2016       Inactive Course  

SHORT TITLE: RESIDENTIAL METAL STUD FRAMING  

LONG TITLE: Residential Metal Stud Framing  

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<tbody>
<tr>
<td>1.5</td>
<td>1</td>
<td>Lecture:</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lab:</td>
<td>32</td>
<td>32</td>
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<tr>
<td></td>
<td></td>
<td>Other:</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total:</td>
<td>36</td>
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COURSE DESCRIPTION:  
This course covers basic residential metal framing. It includes framing of floors, walls, doors, windows, roofs, trusses and stairs. 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. The student will know the theory and principles of advanced fire control.  

Measure: written exams, performance testing  
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2. Students will be able to use the instruments for layout and leveling such as a laser, water level and transit.

Measure: written exams, performance testing

PLO: 3
ILO: 7, 1, 2, 3, 6
GE-LO:
Year assessed or anticipated year of assessment: 2014

PROGRAM LEARNING OUTCOMES:
3. Locate on blueprints and in the specifications, the information needed to construct various types of load bearing and non-load bearing walls, fire protection walls and ceilings.

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.
1.5 lec/4 lab Hours
Material conversion from wood to metal
SLO: The student will select, prepare, build, and use residential metal framing.
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 material conversion from wood to metal.
6 lec/8 lab Hours
Floor construction
Wall construction
SLO: The student will compare and evaluate methods of floor construction and wall construction. The student will select and install metal floor and wall units.
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 selecting and using metal floor and wall units.
3 lec/4 lab Hours
Door and window construction
SLO: The student will compare and evaluate methods of installing door and window units.
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 installing door and window units.
3 lec/4 lab Hours
Roof and truss construction
SLO: The student will compare and evaluate methods of installing roof and truss construction.
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 roof and truss construction.
3 lec/4 lab Hours
Stair construction
SLO: The student will compare and evaluate methods of installing stair construction.
The student will compare and evaluate methods for stair construction.

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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 stair construction.

1.5 lec/3 lab Hours Final examination and term project

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:

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Percent range of total grade: 0%

REPRESENTATIVE TEXTBOOKS:
Required:
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: CCC000507780
Sports/Physical Education Course: N
Taxonomy of Program: 095280

12/5/2016