Course Outline

COURSE: DRLT 270    DIVISION: 50    ALSO LISTED AS:

TERM EFFECTIVE: Fall 2016   Inactive Course

SHORT TITLE: ADVANCED CONSTRUCTION TECHNIQ

LONG TITLE: Advanced Construction Techniques

<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>1</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>Lab</td>
<td>35</td>
<td>35</td>
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<tr>
<td></td>
<td></td>
<td>Other</td>
<td>0</td>
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<td></td>
<td></td>
<td>Total</td>
<td>36</td>
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COURSE DESCRIPTION:

This course covers safety, materials, principles and theory of advanced construction techniques. Topics include following written and verbal directions, construction directly from blueprints, and research techniques. 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 blueprint information and apply it to construction projects

Measure: research paper, exams and performance testing

12/5/2016
2. Install advanced lathing and drywall systems
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.

8 lec/6 lab Hours Project overview and shop safety
Project specifications
Project details and blueprints
SLO: The student will evaluate and research given construction project scope and build project to given specifications.
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 project details, blueprints, and specifications. Build project to specifications.
7 lec/5 lab Hours Researching construction project
Project layout and construction
SLO: The student will research construction projects and construction layout. The student will build construction project.
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 construction project and layout. Build construction project according to specifications.
4 lec/5 lab Hours Advanced drywall construction
Advanced lathing construction
SLO: The student will identify, evaluate, and install drywall and lathing construction.
Assignments: Read the chapters covered in the lecture and answer the study guide question on the assigned subject. Select, evaluate, and use material for drywall and lathing construction. Install drywall and lathing material. Record advanced construction techniques performed on job-sites.
2 lec/2 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

12/5/2016
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. Textbooks are used in the classroom only. 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: CCC000507792
Sports/Physical Education Course: N
Taxonomy of Program: 095280