CT 222: CONSTRUCTION PRACTICES 3

Proposer:

Name:	Email:
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Effective Term:
Fall 2020

Credit Status:
Credit - Degree Applicable

Subject:
CT - Construction Technology

Course Number:
222

Catalog Title
Construction practices 3

Catalog Description
Advanced hands-on construction practices on a construction site to construct specific building projects to plans and specifications and develop or enhance building skills with emphasis on controlling construction budgets.

Method of Instruction:
Laboratory
Lecture and/or Discussion

Course Units/Hours:

Course Units Minimum:
3

Lecture Hours Minimum (week)
2

Lab Hours Minimum (week)
4

Total Contact Hours Minimum (semester)
105

Total Outside Hours Minimum (semester)
70

Total Student Learning Minimum Hours (semester)
175

Repeatability:
No

Open Entry/Exit:
No

Field Trips:
Not Required

Grade Mode:
Standard Letter

TOP Code:
095200 - * Construction Crafts Technology

SAM Code:
C - Clearly Occupational

Course Content

Methods of Assessment:
Essay quizzes or exams
Problem solving assignments or activities
Skill demonstrations

Course Topics:

	Course Topics
1	Install Windows
2	Install Structural Roof Components
3	Install Structural Framing
4	Apply Drywall Finish Components
5	Install Wall and Ceiling Board
6	Install Structural Metal Devices

Course Objectives:

	Course Objectives
1	Operate power tools safely.
2	Apply drywall tape to a wall board joint.
3	Demonstrate proper method for cutting gypsum wall board.
4	Install flashing for vinyl window.
5	Select correct fastener for nailing wood components to pressure treated components.
6	Demonstrate connection of wood frame truss to doubling plate using truss clip.
7	Demonstrate connection of wood frame stud to top plate.

Course Outcomes:

	Course Outcomes
1	After completing this course students will be able to communicate, using accepted industry standards, the relationship of building components in degrees of square fit, degrees of level and degrees of plumb.
2	Given a residential plan set, students will be able to transfer measurements from specific details and construct the specified detail.
3	After completing this course, students will be able demonstrate the proper use of the 3,4,5 method for squaring a corner.

Assignments:

Assignment Type:	Details
Reading	Students will be given chapter reading assignments and assigned corresponding homework. For example: Students may be asked to read construction related articles, chapters from texts, and/or journal articles.
Writing	Students may be asked to research a given topic related to residential construction and write a brief essay.
Lab	Students will participate in class and team learning exercises as well as construction of the project house.

Homework	Students may be asked to write paragraphs on issues relating to class activities and/or critique completed job tasks. Students may be asked to read chapter assignments in text books.

Textbooks or other support materials

Resource Type:	Details
Books	Carpentry 6th edition Koel, 2013 ATP, 9780826908094 and workbook 9780826908100

Other Degree Attributes

Degree Applicable
Not a Basic Skills Course

Banner Title:

Construction Practices 3

Curriculum Committee Approval Date:

11/07/2019

Academic Senate Approval Date:

11/13/2019

District Governing Board Approval Date:

12/16/2019

Course Control Number:

CCC000610707