

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

X Transfer Course X A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: AP C 215 Wall Framing II

UNIT VALUE: 1.5

MINIMUM NUMBER OF SEMESTER HOURS: 40

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: AP C 214

COREQUISITE: None.

RECOMMENDED PREPARATION: None.

SCOPE OF COURSE:

This class covers layout, assembly, and erection of both standard and raked walls. Application of bracing, plumbing and aligning walls will also be covered. Construction math, blueprint reading and job site safety practices will also be covered.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Demonstrate the ability to layout more complex wall details.
2. Assemble and erect both standard and raked walls
3. Demonstrate the ability to brace, as well as plumb and align walls

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Reading of framing prints
 - A. Locating the relationship of various framing member to each other
- II. Application of standard and rack wall framing
 - A. Assembling of standard framed walls
 - B. Assembling of raked walls
- III. Mathematical calculations used in construction
 - A. Formulas used to calculate and layout rake walls

- IV. Wall plumbing and aligning techniques
A. Wall bracing at time of erection
B. Wall plumbing with level and transit
C. Wall aligning with string line and level

REQUIRED READING:

Koel, Leonard. Carpentry. Homewood: American Technical Publishers, 1991

Riechers, A.F. Full-Length Roof Framing. Palo Alto: A.F. Riecher, revised 1992

Carpenters 46 Northern California Counties JATC. Construction Mathematics. Oakland: Self-published 1991

Carpenters 46 Northern California Counties JATC. Introduction to Working Drawings. Oakland: Self published 1991

SUGGESTED READING:

None.

REQUIRED WRITING:

Completion of written assignments in student workbook consisting of ten to twelve pages in length.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Students will read assigned text and workbook and assignments.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
 laboratory
 lecture-laboratory combination
 directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
 Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
 Two-Way Video Conferencing (Two-way interactive video and audio)
 One-Way Video Conferencing (One-way interactive video and two-way interactive audio)

_____ Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

| | | |
|---------------------|------------|--------------|
| Class Participation | 10% | A = 100 – 90 |
| Quizzes | 20% | B = 89 – 80 |
| Lab/Shop Projects | 20% | C = 79 – 70 |
| Workbook | 20% | F = Below 70 |
| Final Exam | <u>30%</u> | |
| | 100% | |

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes X No _____ Number of times course may be taken for credit: 2

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable: 58161 Part C 2A

CONTACT PERSON: Director, Vocational Programs, Ext. 2286

SIGNATURES:

Signatures on File