

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 DL 204 Blueprint Reading II

UNIT VALUE: 1.5

MINIMUM NUMBER OF SEMESTER HOURS: 40

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: AP DL 203

COREQUISITE: none

RECOMMENDED PREPARATION: none

SCOPE OF COURSE:

This course will give the student more in depth training related to on the job conditions. Basic estimating, material take offs and organizing jobs will be included. Related safety, math and blueprint reading will be covered.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Demonstrate comprehension and application of construction blueprints.
2. Interpret working blueprint drawings.
3. Accurately estimate the amount of materials needed for the job.
4. Understand and demonstrate proper job protocol.
5. Effectively communicate with the job superintendents, architects and owners.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Blueprint Protocol
 - A. Various types of plan views
 - B. Plan symbols and lines
 - C. Plan specifications
- II. Mathematical calculations
 - A. Lay-out of walls per prints
 - B. Mathematical calculations for layout and materials required

III. Finish elevations and schedules

- A. Interior elevations
- B. Exterior elevations

REQUIRED READING:

Akoury, Alexander G. California Drywall Lathing Apprenticeship Volumes I, II, III & IV. Los Angeles: Self-Published, 1985.

Carpenters 46 Northern California Counties JATC. Construction Mathematics. Oakland.

Carpenters 46 Northern California Counties JATC. Introduction to Working Drawings. Oakland: Self-Published, 1991.

SUGGESTED READING: None

REQUIRED WRITING: Completion of written assignment in student's 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 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, Occupational and Noncredit Programs, Ext. 2286

SIGNATURES ON FILE