

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 219 Exterior Details I

UNIT VALUE: 1.5

MINIMUM NUMBER OF SEMESTER HOURS: 40

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: None.

COREQUISITE: None.

RECOMMENDED PREPARATION: None.

SCOPE OF COURSE:

This course teaches students to read blueprints related to building exteriors such as elevations, sections, and schedules. Construction of structural and architectural elements such as balconies, fireplaces, bay windows, columns and pop-outs. Blueprint reading, mathematical calculations and safety will also be covered.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Interoperate the various blueprints that address exterior finishes
2. Differentiate between structural and structural elements
3. Demonstrate the ability to apply various trims
4. Layout exterior projections

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Identification of various building plans as they relate to exterior structures and finish details
 - A. Elevation prints
 - B. Section views
 - C. Finish views
 - D. Manufactures specifications

- II. Locating of fireplaces, bay windows, columns and pop-outs on blueprints
 - A. Special layout considerations for fireplaces
 - B. Bay window layout and prep
 - C. Column layout placement and finish
- III. Mathematical calculations used in the construction of structures and finish applications
- IV. Assembly of various exteriors finishes details
 - A. Layout and construct a bay window
 - B. Pop-out detailing
 - C. Fireplace detailing

REQUIRED READING:

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

Riecher 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 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 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 on File