

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 209 Gang Forms

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 will present the various applications of pre-fabricated wall forming systems. Related safety, blueprint reading will be covered.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Analyze the use of various pre-fabricated wall forming systems
2. Identify the major pre-fabricated forming systems
3. Demonstrate the use of forming systems
4. Analyze blueprints for the use of forming systems

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Applications of gang forms and panel systems.
 - A. Differences of use of gang forms and panel systems.
 - B. Functions of gang forms and applications
 - C. Function of panel systems and applications
- II. Differences between the various Aluma systems, Atlas systems and Symons systems
 - A. Application of Aluma forming system
 - B. Application of Atlas forming system
 - C. Application of Symons forming system

- III. Location and information of forming systems on blue prints.
A. Specialty prints for forming systems
B. Forming systems specs

REQUIRED READING:

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

Koel, Leonard. Concrete Formwork. Chicago: American Technical Publisher, 1990

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 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, Vocational Programs, Ext. 2286

Signatures on File