

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 232 Scaffolding – Orientation II

UNIT VALUE: 1.5

MINIMUM NUMBER OF SEMESTER HOURS: 40

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: AP C 231 Scaffolding – Orientation I

COREQUISITE: None.

RECOMMENDED PREPARATION: None.

SCOPE OF COURSE:

This course will provide the apprentice instruction in various safety competencies. Students will learn to safely operate a lift truck and aerial lift equipment in addition to receiving American Red Cross First Aid/CPR training.

SPECIFIC COURSE OBJECTIVES:

Students will be able to:

1. Demonstrate the ability to drive a forklift and perform an aerial lift.
2. Demonstrate fall protection ability.
3. Demonstrate knowledge of American Red Cross First Aid/CPR procedures.
4. Demonstrate knowledge of trade related math.
5. Earn certification in Forklift and Aerial Lift; Fall Protection; and American Red Cross First Aid/CPR.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Fall Protection
 - A. OSHA & NIOSH regulations
 - B. Proper handling of equipment
- II. Mathematical Calculations
 - A. Mathematical calculations for layout and materials
 - B. Load and stress calculations

- III. American Red Cross
 - A. First Aid
 - B. CPR

- IV. Operation of a Lift Trucks and Aerial Lifts
 - A. Characteristics of the various equipment
 - B. Safe operations of all the equipment

REQUIRED READING:

United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. Scaffolding Introduction. Washington D.C.: Self-published, 1997.

United Brotherhood of Carpenters Apprentice and Training Fund for North America. Frame Scaffolding. Washington D.C.: Self-published, 1997.

United Brotherhood of Carpenters Apprenticeship and Training Fund of North America. Scaffolding Regulations. Washington D.C.: Self-published, 1997.

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

SUGGESTED READING: None.

REQUIRED WRITING:

Completion of written assignments in student workbook approximately 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 & Noncredit Programs, Ext. 2286

SIGNATURES ON FILE: