

**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:** Fire 170 Extrication

**UNIT VALUE:** 1

**MINIMUM NUMBER OF SEMESTER HOURS:** 16

**BASIC SKILLS REQUIREMENTS:** Appropriate language and computational skills.

**ENTRANCE REQUIREMENTS**

**PREREQUISITE:** None

**COREQUISITE:** None

**RECOMMENDED PREPARATION:** None

**SCOPE OF COURSE:**

Principles and procedures for safe removal of crash scene victims. Emphasizes life saving techniques, immobilization and use of special equipment to extricate humans in emergency situations.

**SPECIFIC COURSE OBJECTIVES:**

Students will be able to:

1. Demonstrate basic knowledge of vehicle construction and locking system and be able to make a quick, accurate assessment of a rescue situation.
2. Identify tools used in vehicle rescue work, their uses and limitations.
3. Explain how to operate the tools safely, with the operator and the victim in mind.
4. Demonstrate the use of the spine board, air splints, hare traction splints, cervical collars, resuscitator, size-up of victims, air chisel, come-along, hydraulic tools, and hand tools.

**CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:**

- I. Incident Assessment
  - A. Obtaining of facts
  - B. Probabilities

- C. Available manpower and equipment
  - D. Stabilizing techniques
  - E. Supervision and action
- II. Equipment and Tools
- A. Hurst tool
  - B. "Packaging"
  - C. Spreaders
  - D. Wedges
  - E. Windshields
  - F. "Come Along"
  - G. Air Chisel
  - H. Cribbing
- III. Extrication
- A. Gaining Access
  - B. Emergency Medical Care
  - C. Disentanglement
  - D. Preparation for Removal
  - E. Additional Life Threatening Considerations
- IV. Extrication Problems and Critique

**REQUIRED READING:**

Palomar College. Vehicle Extrication-Victim Removal. San Marcos, CA: Palomar College, 1996.

**SUGGESTED READING:**

International Fire Service Training Association. First Responder. Stillwater, OK: IFSTA, 1987.

**REQUIRED WRITING:**

Given simulated rescue situations, the student will discuss the facts of the incident, the tools to be used, and methods of extrication on 1-2 typewritten pages.

**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.**

The student will spend time preparing for class, reading assignments and writing paper. The student will be required to prepare for examinations.

**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):

Writing assignment	25%
Manipulative Skills	25%
Written Exam	50%

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

Yes  No  Number of times course may be taken for credit: 4

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

**CONTACT PERSON:** Brett Vanwey \*1703

**SIGNATURES ON FILE**