FIRE 207 Course Outline as of Spring 2008

CATALOG INFORMATION

Dept and Nbr: FIRE 207 Title: ADV VEH ENTRAP RES Full Title: Advanced Vehicle Entrapment Rescue Last Reviewed: 9/28/1998

Units		Course Hours per Week	Nb	r of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	0	2	Lecture Scheduled	0
Minimum	1.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	0		Contact Total	0
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 0.00

Title 5 Category:	AA Degree Applicable
Grading:	P/NP Only
Repeatability:	27 - Exempt From Repeat Provisions
Also Listed As:	
Formerly:	FIRE299.66

Catalog Description:

Intensive course in the assessment, stabilization, disentanglement, and safety precautions needed while performing extrication at motor vehicle accidents (auto, buses, and trucks). Involves hands-on training in the use of a variety of hydraulic, air-driven and manually-operated tools.

Prerequisites/Corequisites:

Recommended Preparation: Fire 208.1 or equivalent.

Limits on Enrollment:

Schedule of Classes Information:

Description: Intensive course in the assessment, stabilization, disentanglement, and safety precautions needed while performing extrication at vehicle injury accidents, (auto, buses, and trucks). (P/NP Only) Prerequisites/Corequisites: Recommended: Fire 208.1 or equivalent. Limits on Enrollment:

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: CSU GE:	Area Transfer Area	Effective: Effective:	Inactive: Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer	: Effective:	Inactive:	
UC Transfer:	Effective:	Inactive:	

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The student will:

- 1. Demonstrate "hands-on" use of many types of extrication tools (hydraulic, air-driven, electric, and manual).
- 2. List steps for patient safety
- 3. List major considerations for scene safety
- 4. Identify the types of accidents that present special considerations.
- 5. Demonstrate how to safely stabilize and remove the vehicle from around the victim without causing further injury to them.
- 6. Identify need for service contracts.
- 7. Identify and demonstrate the use of management/command system.
- 8. Demonstrate patient removal techniques from various vehicle types.

Topics and Scope:

- I. Orientation
 - A. Tools and equipment
 - 1. Hydraulic
 - 2. Air-driven
 - 3. Electric
 - 4. Manual
 - B. Policies and procedures (federal & state)
 - 1. Patient safety
 - 2. Scene safety for emergency responses
- II. Anatomy of automobiles, buses, trucks, and tractors
 - A. Exterior components
 - B. Interior components
 - C. Passive restraint systems
- III. Proper maintenance of tools
 - A. Service areas

- B. Special requirements
- IV. Assessment of the accident scene
 - A. Incident command system
 - B. Tool staging area
 - C. Manpower needs
 - D. Equipment needs
- V. Stabilization
 - A. Environmental hazards
 - B. Traffic hazards
 - C. Different vehicle types
- VI. Gaining access to trapped victims
 - A. Glass removal
 - B. Spreading metal and aloys
 - C. Cutting metal and aloys
- VII. Tools and their proper use
 - A. Hand tools
 - B. Manual powered extrication tools
 - C. Hydraulic extrication tools
 - D. Air lifting bags
- VIII.Multi-casualty Incidents
 - A. Interpret the effects

Assignment:

Student will demonstrate proper use and techniques during class skill demonstrations.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

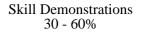
Field work

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Field work

Writing 0 - 0%	

Problem solving 40 - 70%



None

Other: Includes any assessment tools that do not logically fit into the above categories.

None

Other Category 0 - 0%

Representative Textbooks and Materials: Advanced Vehicle Entrapment Rescue, by Len Watson Publ. by Greenwave, 17 Head Street Halsted, Essex, England CO9 2AT.

Exams 0 - 0%