



Pennsylvania State Fire Academy

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Minimum Standard for Accreditation (MSA)

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Course Title: Basic Vehicle Rescue Operations Level (2 in a 3 part course series)

Course Code: BVRO

Length of Course: 16 hours

Lecture / Lab Breakdown: 8 hours / 8 hours

Prerequisites: BVR Awareness (certificate required) **Minimum Age 16 years as of first day of class**

Reference Texts: Basic Vehicle Rescue – Instructor Lesson Plan, Highway Safety Center IUP 1992, Vehicle Rescue, Harvey Grant Brady Co, 1992. Vehicle Rescue & Extrication, Ron Moore, Mosby Books 1997, Vehicle Extrication, Kidd & Czajkowski, PennWell Publishing. Extrication.Com, Ron Shaw

Course Goals: Upon the completion of this course the student will have reviewed hazards of vehicle rescue operations, ICS, and have an understanding of Hand tools, Access, Patient Extrication, and the Post Rescue phases of vehicle rescue.

Description of Course: This course is intended for personnel who have already taken the BVR Awareness course in the past. This course teaches the student the use of hand tools in vehicle rescue operations and how to access and package the patient at the accident scene. Post rescue operations are also discussed.

Description of Methodology to be used: (Brief) Lecture/discussion program tied to a PowerPoint presentation. Hands on practice of the stabilization techniques, access into the vehicle, hand tool use, lifting operations, and patient packaging will be done

Student Equipment / Supplies Needed: pen/pencil, Notebook, Bunker gear – coat, pants, helmet, gloves, boots, eye protection, hearing protection.

Equipment / Audiovisual / Supply requirements: LCD Projector, Computer, TV/VCR and videos specified. Appropriate lecture area. Appropriate practical demonstration / practice area. Adequate number of vehicles to work on (at least 10 for 24 students); other equipment as listed in the Instructor Guide.

SPECIAL NOTES: Minimum enrollment – 10 students; maximum enrollment: 30 students. Based on the Instructor Guide, completion of all practical skill objectives will require multiple skill practice stations, with few if any students “observing” or idle during the practical activity. Therefore, the student-instructor ratio of 5 to 1 must be maintained during all practical exercises ***based on the total student enrollment of the class.*** The equipment and facilities requirements in the Instructor guide are essential to completing the course objectives and ***must*** be supplied.

(continued)

COURSE OUTLINE

<u>Time</u>	<u>Content</u>	<u>Instructor Notes</u>
:30	Registration, Introduction, Course description	
1:00	Review of Hazards, anatomy, and stabilization	
2:00	Tools – hand	
1:00	Access	
2:00	Patient Packaging	
:30	Post Rescue	
3:00	Demo of tools	
5:00	Practical exercises	
1:00	Clean-up and conclusion	

Competency Evaluation Mechanism (Brief description – attach copy): Small Group evaluation of different stabilization situations. Individual evaluation during practical session – student must access the passenger compartment and recognize the supplemental restraint systems. 20-25 question written examination (minimum passing score 70%) supplied by ETA and administered/graded by instructor.

Course Objectives (Specific): Objectives shall be those listed for each lesson in the Pennsylvania Basic Vehicle Rescue Curriculum