

Program of Instruction

Course Syllabus

Course Title: Advanced Auto Extrication

Course Duration: 4 – 12 hours

Program: Firefighting

Course Prerequisites:

Vehicle and Machinery Operations, Technician and/or
Basic Auto Extrication and Vehicle Stabilization

Course Description: This class is designed to continue where the Basic Auto Extrication course left off. Knowledge of common techniques and tools is a prerequisite. The course will involve hands-on practical training involving various scenarios and address scene safety, evaluation and management. Hands-on experience using various methods to stabilize vehicles on their side, upside down, and on other vehicles or barriers is necessary. Operations will involve laying down, crouching, or crawling in vehicles. Includes challenging scenarios where all members of the team must be working to keep from pushing out of the golden hour. Participants must furnish approved helmet, fire boots or leather safety boots, eye protection, gloves, coveralls or turnout gear for class. If conducted off-site, is the responsibility of the host department to provide vehicles and means for positioning them.

Course Requirements and/or Recommendations: These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

Summary of Directions

Pre-Course Work:

Course Work: Participate in All drills and scenarios

Post-Course Work:

Course Policies:

Attendance Policy: IFSI requires students to attend (100%) or make up all course content that leads to certification. Students are expected to attend on time and to remain in class for the duration of the course. Students **MUST COMPLETE** all portions of a certification course, both classroom and practical, to be eligible to receive their certification.

If a student misses any portion of class with an accumulated absence of 20% or less of scheduled class time, it will be the student's responsibility to arrange the make-up of the missed course content with the instructor(s) or program manager. The student must make up the specific course content that s/he missed, not just the hours. Make-ups are limited to 20% of scheduled class time. Make-ups must be documented on the class roster. If a student's absence is greater than 20% refer to "True Emergences" section of the IFSI Examination Policy.

Safety Policy: Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

Grading Policy: Decisions regarding certificates of course completion shall be made solely by the lead instructor of the course. All grading of exams shall be conducted by the Curriculum/Testing Office. All grading of practical exercises shall be based upon the standards set by the regulatory agency referenced in the course material and IFSI.

American Disabilities Act: As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

Evaluation Strategy: *Example:* Students will be evaluated with an end of course exam, and performance evaluation checklist.

Course Content:

Drills:

1. Floor Slam
2. Tunneling

Scenarios:

1. Car vs. Car
2. Car vs. Pole
3. Car on Roof
4. Car on Roof/5th Door
5. Car on Roof in Ditch
6. Car on Car
7. Car vs. Jersey Barrier
8. Car vs. Semi

Reference List:

Vehicle Rescue and Extrication - 2nd edition – Ron Moore

Principles of Vehicle Extrication – 3rd edition – IFSTA

Vehicle Extrication – Level I and II: Principles and Practice – David Sweet

Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Drill 1 – Floor Slam	1 hour
Drill 2 – Tunneling	1 hour
Scenario 1 – Car vs. Car	1 hour
Scenario 2 – Car vs. Pole	30 minutes
Scenario 3 – Car on Roof	30 minutes
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Scenario 4 – Car on Roof/5 th Door	45 minutes
Scenario 5 – Car on Roof in Ditch	1 hour
Scenario 6 – Car on Car	45 minutes
Scenario 7 – Car vs. Jersey Barrier	45 minutes
Scenario 8 – Car vs. Semi	1 hour