

# Program of Instruction

## Course Syllabus

**Course Title:** Basic Auto Extrication

**Course Duration:** 4 -12 hours

**Program:** Firefighting

**Course Description:** This course provides basics hands-on training for fire and rescue personnel in size-up, stabilization, hazard control, patient access, disentanglement and scene control techniques at automobile accidents involving one or two vehicles remaining on their wheels. Emphasis is placed on proper choice, placement and use of equipment available locally. From hand tools such as bars and hack saws, to electric tools such as nibblers and recip saws, to air powered tools like air chisels and impact wrenches, to heavy hydraulic tools – all are employed depending on local capabilities. Arrangements may be made for larger division or county classes to provide a cache of tools for the class.

**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: None

Course Work: Attend and participate.

Post-Course Work: None

### **Course Policies:**

**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.

**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.

**Course Content:**

Drills:

1. Stabilization
2. Glass Removal
3. Air Chisels
4. Door Removal
5. Partial Roof Flap & Removal
6. Dash Lift
7. Dash Roll
8. 5<sup>th</sup> Door
9. 3<sup>rd</sup> Door
10. Lift Bags
11. Stabilizing Vehicle on its side
12. Stabilizing Vehicle on its roof

**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

<b><u>Event</u></b>	<b><u>Duration</u></b>
Drill 1 - Stabilization	45 minutes
Drill 2 – Glass Removal	15 minutes
Drill 3 – Air Chisels	1 hour
Drill 4 – Door Removal	1 hour
Drill 5 – Partial Roof Flap & Removal	1 hour
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Drill 6 – Dash Lift	1 hour
Drill 7 – Dash Roll	1 hour
Drill 8 – 5 <sup>th</sup> Door	1 hour
Drill 9 – 3 <sup>rd</sup> Door	1 hour
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Drill 10 – Lift Bags	1 hour & 20 minutes
Drill 11 – Stabilizing Vehicle on its Side	1 hour & 20 minutes
Drill 12 – Stabilizing Vehicle on its Roof	1 hour & 20 minutes