

Program of Instruction

Course Syllabus

Course Title: Large Vehicle Extrication

Course Duration: 12 hours

Program: Firefighting

Course Description: This course provides hands-on training for fire and rescue personnel in large vehicle extrication. Emphasis will be put on proper extrication techniques when dealing with large vehicles such as buses, trucks, and semi-trailers.

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. Bus Orientation – Stabilization
2. Bus Windshield Removal
3. Front Door and Glass Removal
4. Bus Emergency rear exit door
5. Seat Removal
6. Side Opening
7. Truck Orientation – Stabilization
8. Building Platforms
9. Truck Windshield Removal
10. Truck Door Removal
11. Side or Rear Entry into Semi-cab
12. Tow Truck Demonstration

Reference List:

Carbusters, Instructor Guide, 3rd Edition (2002)

IFSTA Rescue 6th Ed. (2002)

IFSTA Extrication, 2nd Ed. (2001)

IFSTA Safety, 2nd Ed. (1991)

NFPA 1006, Standard for Rescue Technician Professional Qualifications,
Chapters 5, 10, 19, 2013 Edition

NFPA 1670, Standard on Operations and Training for Technical Search and
Rescue Incidents, 2009 Edition

Office of the State Fire Marshal, Vehicle and Machinery Technician Instructor
Reference Manual, 2006 Edition

Principles of Vehicle Extrication, Third Edition, IFSTA, Fire Protection
Publications, 2009

Vehicle Extrication, Levels I and II: Principles and Practice, David A. Sweet,
Jones & Bartlett, 2012

Vehicle Rescue and Extrication, 2nd Ed., Ronald E. Moore, Mosby Jems, 2003

Course Schedule

<u>Event</u>	<u>Duration</u>
Drill 1 – Bus Orientation – Stabilization	1 hour
Drill 2 – Bus Windshield Removal	30 minutes
Drill 3 – Front Door and Glass Removal	30 minutes
Drill 4 – Bus Emergency Rear Exit Door	30 minutes
Drill 5 – Seat Removal	1 hour
Drill 6 – Side Opening	1 hour
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Drill 7 – Truck Orientation – Stabilization	2 hours
Drill 8 – Building Platforms	45 minutes
Drill 9 – Truck Windshield Removal	45 minutes
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Drill 10 – Truck Door Removal	1 hour 30 minutes
Drill 11 – Side or Rear Entry into Semi-cab	30 minutes
Drill 12 – Tow Truck Demonstration	1 hour