



Comprehensive Search & Rescue Training Programs

Rescue from heights

1. Urban rope rescue

Purpose: Provide tools for escape and rescue using ropes, in typical urban areas such as skyscrapers, pit holes, cranes and masts.

Duration: 6 weeks.

Admission terms: Good fitness level, admission tests.



2. Rescue from cable car

Purpose: cable car rescue technics training, for cases such as malfunction or extreme weather conditions.

Duration: 1 week.

Student –instructor ratio: 6/1

Admission terms: Good fitness level, urban rope rescue course graduate.



Rescue from road accidents

Purpose: As of extracting knowledge of people from traffic accidents and trains, And the use of hydraulic rescue tools.

Duration: 5 days

Student –instructor ratio: 6/1

Admission terms: reasonable fitness level.





Rescue from enclosed spaces

1. Rescue from enclosed spaces

Purpose: Rescue from enclosed spaces under air-born hazards, while using breathing systems and specific equipment.

Duration: 1 week.

Student – instructor ratio: 6/1

Admission terms: Good fitness level, urban rope rescue course graduate.



2. Rescue from ships

Purpose: Train teams and individuals in rescue and fire-fighting technics onboard large ships with several floors and narrow / complex passages.

Duration: 1 week.

Student – instructor ratio: 6/1

Admission terms: Good fitness level, urban rope rescue course graduate.



Area scanning & locating missing persons.

Purpose: acquire practical technics for land and aerial scan & search for missing persons, learning about the most suitable technological means for search & rescue of missing people and how to use those means.

Duration: 1 week.

Student – instructor ratio: 6/1

Admission terms: none.





Chopper rescue

1. Winch and cargo-hanger rescue

Purpose: Train rescuers in technics to rescue injured people from non-accessible locations using a chopper equipped with a winch or cargo hanger.

Duration: 3 weeks.

Student – instructor ratio: 6/1

Admission terms: Winch operators must have previous experience.



2. Aviation medical- care evacuation

Purpose: Train medical teams to perform aviation evacuation of injured people.

Duration: 2 weeks.

Student – instructor ratio: 6/1

Admission terms: medical training.



Water / flood rescue

1. Rescue from rivers and floods

Purpose: acquire rescue means from strong rivers currents and sudden floods, extract people and vehicles trapped in the current's center.

Duration: 2 weeks.

Student – instructor ratio: 6/1

Admission terms: good swimming skills, urban search & rescue course graduate.





Rescue from collapsed building

1. **Basic rescue training**

Purpose: Escape and rescue while using basic rescue gear, in typical urban areas such as residential buildings, offices, factories etc.

Duration: 3 weeks.

Student – instructor ratio: 8/1

Admission terms: Good fitness level.



2. **Advanced rescue training**

Purpose: Search & Rescue using divers rescue technics, rescue gear and heavy equipment.

Duration: 3 weeks.

Student – instructor ratio: 8/1

Admission terms: Good fitness level, basic rescue training graduate.



3. **Commanding officers training**

Purpose: Professional command of a rescue team, disaster site management and supporting task force operation in typical urban areas such as residential buildings, offices, factories etc.

Duration: 3 weeks.

Student – instructor ratio: 6/1

Admission terms: Good fitness level, previous advanced rescue training.





4. Rescue engineers training

Purpose: Support, organize and consult rescue operation on site, in typical urban disaster areas such as collapsed residential/commercial buildings, industrial factories etc.

Duration: 2 weeks.

Student – instructor ratio: 5/1

Admission terms: Construction engineers.



5. Operation and personnel management training

Purpose: Disaster site operations management, including managing several sites simultaneously, management of resource and man-power.

Duration: 2 weeks.

Student – instructor ratio: 8/1

Admission terms: Computer literacy.



6. Population training

Purpose: Manage population information and forces direction towards areas containing trapped people. Acquire tools to assess potential injury scenarios and inform commanding officers.

Duration: 2 weeks.

Student – instructor ratio: 8/1

Admission terms: Computer literacy, knowledge of several languages - advantage.



7. Rescue training for heavy equipment operators

Purpose: Train at rescue operation while using heavy equipment and working with and alongside the rescue team, at sites simulating urban disaster areas such as collapsed residential/commercial buildings, industrial factories etc.

Duration: 2 weeks.

Student – instructor ratio: 5/1

Admission terms: Licensed and experience heavy equipment operators.



8. Maintenance training*

*recommended to be held in an equipped workshop/classrooms

Purpose: Maintenance of heavy equipment and generators.

Duration: 8 weeks.

Student – instructor ratio: 8/1

Admission terms: proficiency in English, computer literacy advantage.



9. Heavy equipment hydraulic training

Purpose: Acquire basic knowledge of hydraulics, including reading hydraulic drafts, learning about the types of oils filters and pipe systems, all levels of hydraulic mending and basic hydraulic gear.

Duration: 10 days.

Student – instructor ratio: 5/1

Admission terms: mechanics, heavy equipment maintenance personnel.





10. Heavy equipment operators

Purpose: Comprehensive heavy equipment operation training, for ground and infrastructure works.



Basic heavy equipment mechanics and electricity training, including driver's maintenance procedure which reduces malfunctions. Correct operation technics resulting in reduced cost and fuel consumption.

Duration: 8 weeks.

Student – instructor ratio: 8/1

Admission terms: driver's license/ heavy equipment license.

Firefighting and Rescue

1. Basic firefighting training

Purpose: Acquire knowledge and skills for typical firefighting work, in both urban and open areas.

Duration: 5 weeks.

Student – instructor ratio: 12/1

Admission terms: Good fitness level.



2. Advanced firefighting training

Purpose: Acquire knowledge and skills for typical firefighting work, in urban areas such as tall buildings, industrial buildings - including hazardous material zones, and open areas.

Duration: 5 weeks.

Student – instructor ratio: 12/1

Admission terms: Good fitness level, basic firefighting training graduate.





First-aid / Emergency medical care

1. First-aid training

Purpose: Provide emergency medical care; learn to resuscitate children and adults.

Duration: 2 weeks.

Student – instructor ratio: 10/1

Admission terms: reasonable fitness level.



2. Advanced first-aid training

Purpose: Provide emergency medical care; learn to resuscitate children and adults, learn about and train at trauma patients' treatment.

Duration: 2 weeks.

Student – instructor ratio: 10/1

Admission terms: reasonable fitness level, basic first-aid training graduate.



3. Medic training

Purpose: High level of emergency medical care training; including anatomy, care prioritization, resuscitations, fractures, intravenous infusion, etc. (Includes basic and advanced first-aid training).

Duration: 5 weeks.

Student – instructor ratio: 10/1

Admission terms: reasonable fitness level, knowledge of English – reading and writing.





HLS

1. Rescue from Earthquake

Purpose: to provide knowledge about Earthquake, And the use of appropriate prevention, mitigation and rescue tools.

Duration: 2 days

Student – instructor ratio: 25/1

Admission terms: medium / high level managers, first responders.



2. Immediate Psychological First Aid for First Responders

Purpose: teach theory and practice mental health interventions during Acute Stress Reactions (ASR)

Duration: 5 days

Student – instructor ratio: 25/2

Admission terms: medium / high level managers, first responders.



3. Dealing with a water crisis

Purpose: teach theory and practice water crisis

Duration: 5 days

Student – instructor ratio: 25/2

Admission terms: municipal / governmental officials, first responders

