



The Scottish Fire Services College
at the centre of excellence

Urban Search and Rescue (USAR) Tool Skills Course

This course is designed to develop the delegate's knowledge, skills and understanding of Urban Search and Rescue across a range of disciplines.

DESIGNED FOR

Fire Service personnel and Other Rescue Service Personnel who may attend this type of incident.

HEALTH AND SAFETY REQUIREMENTS:

Owing to the operational and physical demands of the course, delegates must:

- Be fit for full operational duties in accordance with brigade requirements.
- Attend with full fire kit, which conforms to current standards.
- Be fully aware of the current requirements in Health and Safety at Work, in particular, Manual Handling.

AIM

To enable delegates to build on the Knowledge, Skills and Understanding required in a U.S.A.R type incident, and the safe and efficient manual handling of the range of tools used during this course.

The topic areas covered will include:

- Monday – Course Introduction, Technical sessions in – New dimensions Organisation, Structural Collapse, Safety & Hazard Identification, Six Stages of Rescue and a Gym input.
- Tuesday – Technical sessions in – Technical Search procedures, Basic Shoring, Concrete Breaking & Breaching and Lecture Continuation. Practical sessions in – Technical Search Acoustic / Cameras, Technical Exercise / Sewer and Technical Exercise / Listening Devices.
- Wednesday – Practical Sessions in – Airshore in morning and Timber Shore in afternoon.
- Thursday – Practical Session in – Tool Familiarisation, then Breaking & Breaching for the rest of the day.
- Friday – Exercise covering most of week's aspects from 0830 til 14:30. Followed by Exercise Debrief and End of Course Discussion.

LEARNING OUTCOMES

After successful completion of the course, the delegates should be able to:

- Safely operate and identify the Hazards likely to be encountered in an Urban Search and Rescue environment.
- Safely operate the equipment used in the USAR environment.
- Identify and apply the principles of the "6 Stages of Rescue".
- Appreciate the differing phases of a USAR incident and how the phases inter-relate.
- Understand the principles of shoring and load calculations.
- Construct the appropriate Pneumatic shoring method.
- Understand, apply and operate the principles of technical search methods.
- Perform the appropriate breaching method.

DELIVERY MODE

The course will be delivered through a series of lectures using PowerPoint and followed by practical sessions.

CERTIFICATION

Scottish Fire Services College Certificate is awarded for successful completion of the course.

VENUE

The Scottish Fire Services College, Main Street, Gullane, East Lothian, EH31 2HG.

DURATION

One week (Monday to Friday) residential.

Programme Times: 1300-1730 Monday and 0830-17-30 Tuesday to Friday.

DATES/PRICES/BOOKING ARRANGEMENTS

On application.

ENQUIRIES

Tel: 01620 842236

www.scottish-fireservicescollege.org