

RT106

Rescue Awareness

2 Credits

Instructor: TBA

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RT106 Version: 5



Rescue Awareness

Calendar Description

This course is the prerequisite training for all the technical disciplines that fall under NFPA 1006. This course includes basic command system, rescue operations organization, surveying the scene for hazards, scene safety, personal protective equipment, rescue equipment, ground support helicopters, site operations, resource management, terminating an incident, knots, single-point anchors, rigging, as well as hauling and belaying systems.

Rationale

This course provides the basic fundamentals of rescue operations within all the NFPA 1006 disciplines. Each rescue is unique and requires specialized training and equipment. This course addresses the basic skills and organizational techniques common to most rescue scenes; and allows the successful candidate to assist the operations of NFPA 1006 technical rescue technicians.

Prerequisites

FMR, EMR, Advanced First Aid (St. John's or Red Cross) or equivalent

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. function safely and effectively as a firefighter in a rescue.
2. function as a member of a directly supervised rescue team.

Resource Materials

Lakeland Emergency Training Centre course manual.

Vines, T. & Hudson, S. (Eds.). (2016). *High-angle rope rescue techniques: Levels I & II* (4th ed.). Burlington, MA: Jones & Bartlett Learning.

Conduct of Course

A. Methods

1. Lecture
2. Instructor demonstrations
3. Student practical evolutions

B. Aids

1. Whiteboard
2. PowerPoint slides
3. Firefighting apparatus, rope-rescue equipment, and tools

C. Assignments

1. Self-testing exercises in the course manual
2. Instructors demonstrate skills; students practise until they achieve mastery of the skill

D. Study time

1. Home study will be required

Evaluation Procedures

There is a 50 item multiple-choice exam with the grades determined using the grade scale under the Grades heading of this course outline. There are also practical skills completed individually as well as with a team. Practical skills are marked as pass/fail. Both the written exam and the practical skills are developed in accordance to NFPA 1006 (2008 ed.).

Grade Equivalents and Course Pass Requirements

The final mark is given as a letter grade.

Letter	F	B-	B	B+	A-	A	A+
Percent Range	0-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.70	3.00	3.30	3.70	4.00	4.00

Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the

satisfaction of the instructor. Poor attendance may result in the termination of a student from a course.

Course Units/Topics

Site Operations (1006_5-2)

1. Identify needed Support
2. Size up a Rescue
3. Manage the Incident Hazards
4. Resource Management
5. Conduct a Search
6. Ground Support for Helicopters
7. Terminating the Incident

Maintenance (1006_5-4)

1. Maintenance of Equipment

Ropes and Rigging (1006_5-5)

1. Knots, Bends and Hitches
2. Rig a Simple Point Anchor System
3. Rig a Simple Rope Mechanical Advantage System
4. Operate a Simple Rope Mechanical Advantage System
5. Construct a Lowering System
6. Direct a Lowering Operation
7. Construct a Belay System
8. Operate a Belay System During Lowering and Raising
9. Belay a Falling Load
10. Conduct a System Safety Check



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