



# RESCUE SOUTH AFRICA

## DISASTER RESPONSE

### MOTOR VEHICLE RESCUE

#### Preamble

The instructors that will be presenting this program are considered specialists in the field and, as well as having considerable road experience, have all either judged or participated in both National and International Competitions.

#### Intended Audience

This course is designed for any persons who in the course of their normal duties would be required to extricate and/or rescue a person involved in a motor vehicle accident.

#### Desired Outcome

After being assessed as competent the candidate will be able to operate as an integral part of a team that undertakes motor vehicle rescues.

**Duration:** 10 Days

**Min/Max No of Delegates:** 8/12

#### Course Prerequisites

Grade 12 (NQF4) certificate or equivalent ABET / RPL recognition  
Medical certificate indicating that you are in good health  
Current HPCSA registration  
Successful completion of the institutions physical fitness assessment

#### Core Content

Motor vehicle construction.  
New car technology including active and passive safety systems.  
Patient based rescue approach.  
The nine stages of a rescue evolution.  
Scenario based evolutions (vehicle on its wheels, roof, side, etc.).

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Candidates will be required to perform all the roles that are necessary at a real rescue scene (command, tool technician, medic and gopher).

#### **Course Details**

The aim of this module is to provide you with the fundamental knowledge, skills and insight needed to conduct a vehicle rescue and subsequent extrication of an ill or injured patient.

The academic and practical standards of this module are in line with those of the Tertiary Medical Rescue Technology Modules offered as part of the National Diploma Emergency Medical Care, and as such fulfil the specified SAQA outcomes for this field.

Each section has been carefully designed to provide you with important learning tasks and experiences, each of which is linked to an expected learning outcome.

On completion of each section it is important that you refer to the expected learning outcomes stated at the end of the section and ask yourself: "have I achieved all the outcomes as stated?" If the answer is no then the onus is on you to approach your lecturer and or revisit the learning content to ensure that remedial intervention is initiated.

It cannot be overemphasised that you will be assessed both during the module and on completion thereof in order to measure to what extent you have achieved the learning outcomes as stated. Simply put; the assessment criteria are directly linked to the various learning outcomes, failure to achieve the learning outcomes will result in you having to repeat the module.

#### **A word on safety**

Safety is everyone's concern not only the instructors! Since most accidents involve basic errors your attention is drawn to the following:

- (1) You will be heavily penalised if the instructor has to continuously correct safety errors relating to your personal safety gear during rescue operations.
- (2) You will be penalised should you fail to inspect your equipment prior to use.
- (3) You are obliged to immediately report all lost and or damaged equipment to your lecturer.

#### **About the patient**

As an aspirant rescue practitioner you are once again reminded that the central focus of any rescue incident is the patient and not the rescue operation. All scenarios will involve a patient and should appropriate medical management according to your registered scope of practice not be applied or



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provided, you will fail the assessment (regardless of how well your rescue operation was conducted).

#### **Course Outline**

Section A	Introduction to vehicle rescue
Section B	Motor vehicle design & construction
Section C	Hand tools
Section D	Pneumatic power equipment
Section E	Hydraulic power equipment
Section F	Miscellaneous Equipment
Section G	Vehicle rescue operations
Section H	Incident command and control
Section I	Specialised vehicle rescue
Section J	Assessment