



MILITARY FIRST AID COURSE (mfac)

Survival is the art of staying alive, and therefore we must anticipate the elements that preserve it and minimize the situations or events that put it at risk.

The SIWA training structure is based around 9 survival skills that are developed in the different training programs:

1. Role Assumption, Security Rings, Operational Discipline & Leadership
2. Emergency First Aid, Natural Medicine & Tactical Medicine
3. Water. An Essential Element for Survival. Tactical Procedures
4. Fire. Generating Light & Heat for Survival. Tactical Procedures
5. Shelter. Building Mobile Dwellings, Defensive Structures, and Fortifications
6. Nutrition. Staying Healthy and Nourished to Survive. Concealment of Evidence
7. Orientation by Cartography, Positional Astronomy, and Clues. Maneuvering
8. Citizen Self-Defense, Operational Police Intervention & Hand-to-Hand Combat

Military

9. Aquatic Survival, Maritime Search and Rescue

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Within Survival...

Year 2026/2028

The theoretical knowledge of each subject within survival will give us the necessary tools to make accurate and timely decisions in an unfavorable situation, allowing us to make the difference between life and death.

Comprehensive Training Program

Course: Military First Aider

Based on AIDER International & Co TCCC ASM standards (All Service Members)

The following program is designed for a total of 80 hours of training, combining:

AIDER International First Aid principles

TCCC ASM standards developed under the guidelines of the Joint Trauma System and CoTCCC.

Tactical training applied to military environments, wilderness operations, and combat scenarios.

Modern methodology based on:

MARCH

TECC/TCCC

Stop the Bleed

Tactical prehospital care

Operational stress simulation

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The Military First Aider will be able to:

Perform initial care in combat or tactical incidents.

Apply TCCC ASM protocols.

Control massive bleeding.

Manage basic airway management.

Perform casualty evacuation.

Operate under stress and simulated fire.

Integrate into patrols, SAR teams, security, or tactical units.

Apply basic tactical medicine in austere environments.

Manage multiple incidents and initial triage. Total Duration

Area

Hours

Theoretical Training 24 h

Practical Workshops 32 h

Tactical Simulations 16 h

Evaluations and Final Exercise 8 h

TOTAL 80 h

Year 2026/2028

Graduate Profile

Molecular Structure

MODULE 1 — FUNDAMENTALS OF MILITARY FIRST AID

Duration: 8 h

Contents

Introduction to Military First Aid

History and Evolution of TCCC

Tactical Chain of Survival

Operational Safety

Biosecurity in Combat

Role of the Military First Aider

Priorities in Tactical Trauma

MARCH Principles

Objectives

Understand TCCC ASM doctrine.

Identify threats in a tactical environment.

Prioritize lifesaving interventions. Practical Exercises

Tactical Primary Assessment

Use of Tactical PPE

Emergency Communication

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MODULE 2 — HEMORRHAGE AND SHOCK CONTROL

Duration: 12 hours

Contents

Massive Hemorrhage

Hypovolemic Shock

Tourniquets

Wound Packing

Compression Bandages

Hemostatic Agents

Junctional Bleeding

Hypothermia in Trauma

Objectives

Control life-threatening hemorrhages.

Apply STB and TCCC protocols.

Practical Exercises

Application of CAT/SOF-T

Wound Packing

Israeli Bandages: Simulation under stress

Competencies

Tourniquet application < 30 seconds.

Proper management of massive bleeding.

MODULE 3 — AIRWAY AND BREATHING

Duration: 8 hours

Contents

Basic anatomy

Basic airway management

Recovery position

Nasopharyngeal airway

Thoracic trauma

Pneumothorax

Thoracic seals

Basic oxygenation

Objectives

Maintain a patent airway.

Identify critical respiratory injuries. Practical Training

NPA Insertion

Thoracic Trauma Management

Use of Chest Seals

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MODULE 4 — TRAUMA AND TACTICAL PREHOSPITAL CARE

Duration: 10 hours

Contents

Penetrating Trauma

Explosive Trauma

Gunshot Wound Trauma

Burns

Musculoskeletal Injuries

Fractures

Head Injury

Basic Extrication

Objectives

Stabilize trauma in a hostile environment.

Prepare the patient for evacuation. Practical Exercises

Tactical Immobilization

Drags and Rescues

Improvised Transport

Duration: 12 hours

Contents

Care Under Fire

Tactical Field Care

Tactical Evacuation Care

MODULE 5 — OPERATIONAL TCCC ASM

Casualty Collection Point (CCP)

CASEVAC and MEDEVAC

Tactical Communications

MIST Report

IFAK

Objectives

Integrate TCCC ASM into real-world scenarios.

Operate as a team under threat.

Practical Exercises

Care Under Simulated Fire

Tactical Evacuation

Working in Pairs

Night Scenarios

Doctrinal Basis

The TCCC ASM program aims to train all service members in essential tactical casualty care skills.

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Academic Year 2026/2028

MODULE 6 — FIRST AID IN HARSH ENVIRONMENTS

Duration: 8 hours

Contents

Wildlife Medicine

Environmental Management

Heat and Cold

Dehydration

Bites and Stings and Venomous Animals

Operational Hygiene

Water and Sanitation

Medical Improvisation

Objectives

Resolve emergencies without immediate support.

Adapt limited resources. Practical Exercises

Construction of Medical Shelters

Improvising Splints

Wilderness Evacuation

MODULE 7 — TACTICAL EVACUATION AND RESCUE

Duration: 10 hours

Contents

Extraction Techniques

Rescue Task Force

Vehicle Evacuation

Use of Stretchers

Basic Rope Techniques

Helicopter Safety

Hot, Warm, and Cold Zones

Objectives

Execute safe rescues.

Coordinate tactical evacuations. Practical Exercises

Carrying the Injured

Vehicle Extraction

Night Evacuation

MODULE 8 — FINAL SIMULATIONS AND CERTIFICATION

Duration: 12 hours

Assessments

Theoretical Exam

Skill Stations

Comprehensive Simulations

Operational Physical Assessment

Scenarios

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Ambush

Multiple Casualties

Explosive Trauma

Rural Patrol

Air Evacuation

Approval Requirements

80% minimum attendance

Pass theoretical exam

Pass practical stations

Pass final scenario

Format

Hybrid or intensive in-person. Teaching System

Lectures

Practical Workshops

Combat Simulation

Stress Inoculation

Force-on-Force Scenarios

Stationary Training

Year 2026/2028

METHODOLOGY

Evidence and operational experience indicate that face-to-face practical training is essential for TCCC skills. TRAINING EQUIPMENT

Medical Equipment

CAT/SOF-T/SAM-XT Tourniquets

Hemostatic Gauze

Chest Seals

Israeli Bandages

NPA

Complete IFAKs

Tactical Equipment

Vests

Helmets

Radios

Stretchers

Vehicles

Simulation/Airsoft for Scenarios

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2026/2028

INSTRUCTOR PROFILE

AIDER Certified Instructor

TCCC ASM Instructor

Tactical Prehospital Experience

Recommended Operational or SAR Experience

SUGGESTED CERTIFICATION

“INTERNATIONAL MILITARY RESCUER”

With training equivalency based on:

AIDER International First Aid Program

CoTCCC/JTS TCCC ASM Standards IFIMEDAPT - IFIMEDATP

PROPOSED TIME DISTRIBUTION

Day Hours Activity Observations

1 8h Fundamentals + MARCH

2 8h Hemorrhage

3 8h Airway

4 8h Tactical Trauma

5 8h TCCC ASM

6 8h Austere Environments

7 8h Evacuation

8 8h Simulations

9 8h Final FTX + Evaluation

10 8h Operational Integration

FINAL COMPETENCIES

The graduate will be able to:

Save lives in the first minutes of trauma.

Integrate into tactical units.

Operate in hostile environments.

Perform tactical evacuation.

Apply basic tactical medicine.

Maintain operational readiness under stress.

May 2, 2026.

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Valkyrie FRTT
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Via Radical Brazil

Survival