

AUSTRIAN
ARMED FORCES



MOUNTAIN WARFARE
CENTER

SYNDICATE CAPABILITY DEVELOPMENT

AUT





Aim



- Evaluation Training Architecture
- Evaluation Allocation Chart
 - New courses
 - Changes
 - Course Cancellations
- Documents:
 - Training Architecture
 - Allocation Chart
 - Required Capabilities
 - Course Descriptions

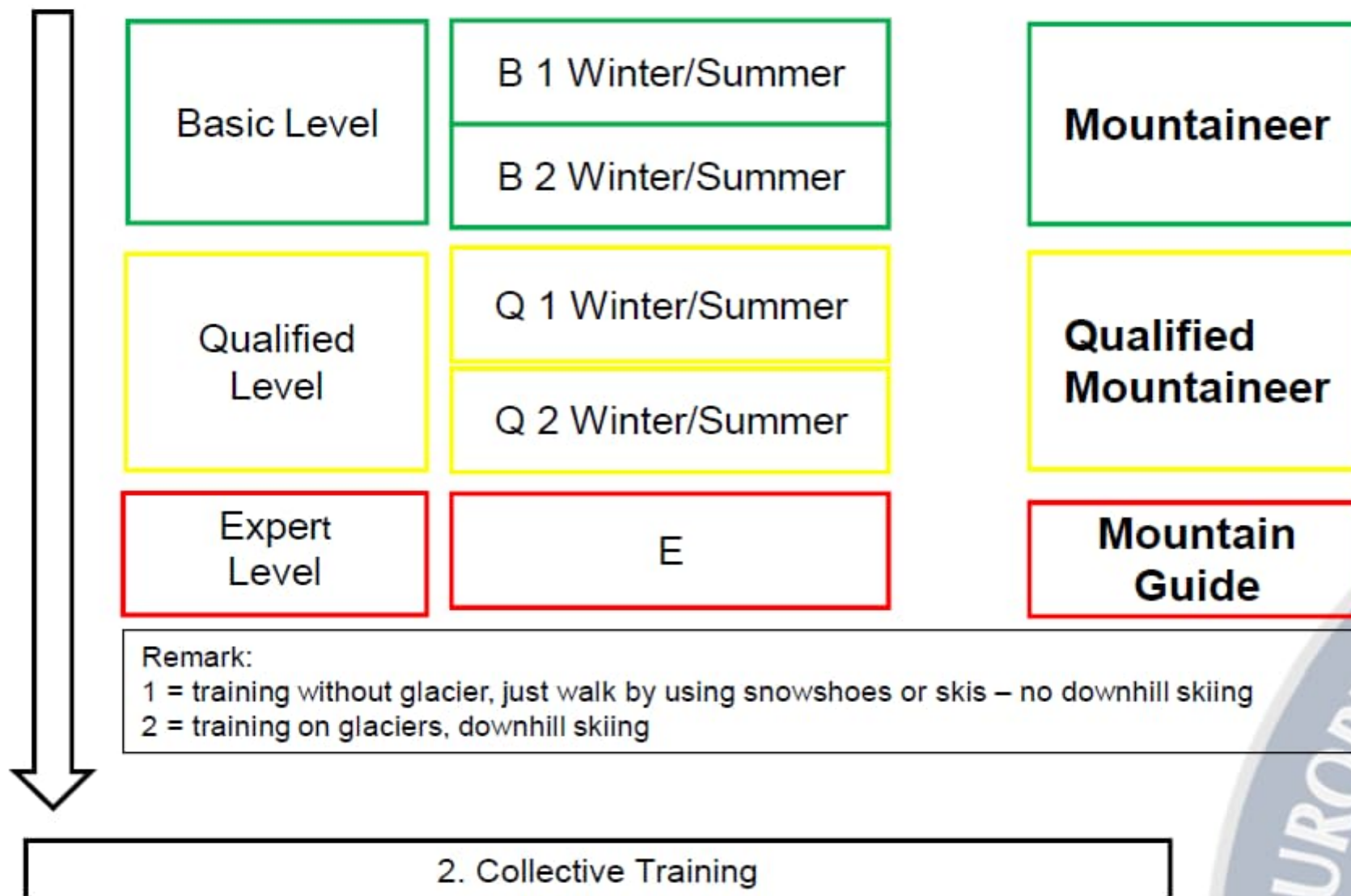




Mountain Warfare Education and Training Architecture



1. Individual training





Training Architecture AUT



Mountain Warfare Education and Training Architecture

↓	Basic Level	B1	Military Mountain Basic Training (MMBT) Winter/Summer	
	Basic Level	B2	Military High Mountain Basic Training (MHMBT) Winter/Summer	
	Qual Level	Q1	Military Mountain Instructor Course (MMIC) Winter/Summer	MMS* Winter/Summer
				MMI** Winter/Summer
	Qual Level	Q2	Military High Mountain Instructor Course (MHMIC) Winter/Summer	MHMS* Winter/Summer
				MHMI** Winter/Summer
	Expert Level	E	Heeresbergführer Course (MMGC) Winter/Summer	

Remark:

* OR1 – OR4 may participate in Military Mountain Instructor Course (MMIC) and Military High Mountain Instructor Course (MHMIC). Due to the missing leadership training they only become Military Mountain Specialist (MMS) or Military High Mountain Specialist (MHMS). Hereafter they may act in training as assistant.

**OR5 and higher passing these training become Military Mountain Instructor or Military High Mountain Instructor.



Allocation Chart



[..\Allocation Chart 10oct22.xlsx](#)





Not offered to MTI!

Military Mountain Basic Training (MMBT)



- European level: „B1“
- Training objective(s): Basic training for soldiers/military leaders and commanders (squad, platoon, company) for missions in mountainous terrain during summery/wintery conditions.
- Training location(s): BNs of the Land forces
- Duration: 1 week summer/1 week winter
- Access skills required: No





■ Training lessons:

- Live and survive in mountainous terrain
- Basics of mountain warfare in mountainous terrain
- Live firing in mountainous terrain
- March in mountainous terrain
- Crossing difficult terrain
- Self and buddy aid
- Avalanche operation (winter)
- Mountain situation





- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

There are only changes: ☐

Course will not be offered anymore: ☐

- Remarks

Not offered to MTI!





Not offered to MTI!

Military High Mountain Basic Training (MHMBT)



- European level: „B2“
- Training objective(s): Basic training for soldiers/military leaders and commanders (squad, platoon, company) for missions in high mountainous terrain during summery/wintery conditions.
- Training location(s): BNs of the Land forces
- Duration: 2 weeks summer/2 weeks winter
- Access skills required: No





■ Training lessons:

- Live and survive in high mountainous terrain
- Basics of mountain warfare in high mountainous terrain
- Live firing in high mountainous terrain
- March in high mountainous terrain
- Crossing difficult terrain
- Self and buddy aid
- Avalanche operation (winter)
- Mountain situation
- Mountain techniques
- Mountain equipment
- Orientation in high mountainous terrain





- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

There are only changes: ☐

Course will not be offered anymore: ☐

- Remarks

Not offered to MTI!





Military Mountain Instructor Course (MMIC)



- European level: „Q1„
- Training objective(s): The MMI/S ...
 - guides soldiers in difficult mountainous terrain (partly in unglaciated high mountainous terrain)
 - guides soldiers in wintery mountainous terrain (partly in unglaciated high mountainous terrain) by using special mountaineering techniques within the limits set by the MMI decision aid
 - makes such terrain passable for troops respectively crosses escarpments by abseiling or lowering and supports soldiers with a higher mountaineering qualification in building fixed rope installations
 - conducts training at MMBT as an instructor
 - performs simple rescue measures and participates in organized rescue operations





- Training location(s): AAF MWC SAALFELDEN
- Duration: 2 weeks summer/ 3 weeks winter every 2 years
- Access skills required: Assessment B1-Level
Physical fitness:
Running 2.400m within 11:00min
3 pull ups
25 push ups
English SLP 2222/STANAG 6001





The following goals from the MMBT (B1) will be assessed during the 1st week by the instructors:

- Subjective and objective mountain hazards, alpine distress signal
- Knots used for: combi-harness, lowering, roping up for party roping and preparing a systematic transport mean
- Behavior on fixed rope installations and when lowering
- Measures against heat/frost injuries
- Supporting the preparation of systematic transport means and in evacuation measures of wounded/injured soldiers
- Locate an avalanche rescue beacon within an area of 25x25m
- Prepare the roping-up method on oneself for: party roping and fixed rope installation
- Naming, handling, cleaning and maintenance of mountain equipment used during MMBT





- Training lessons:

Summer:

Winter:

Guiding in mountainous terrain

Military mountain instructor

Mountain situation

Rescue and evacuation in mountainous terrain

Fixed rope installations

Mountain warfare – new during summer!

- Remarks:

OR1 – OR4 may participate in this course. Due to the missing leadership training they only become Military Mountain Specialist (MMS). Hereafter they may act in training as assistant.

OR5 and higher passing this training become Military Mountain Instructor. (MMI)



- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

There are only changes: ☒

Course will not be offered anymore: ☐

- Remarks

Winter: Skiing module

Mountaineering technique module

Every 2 years



cancelled



MMIC winter

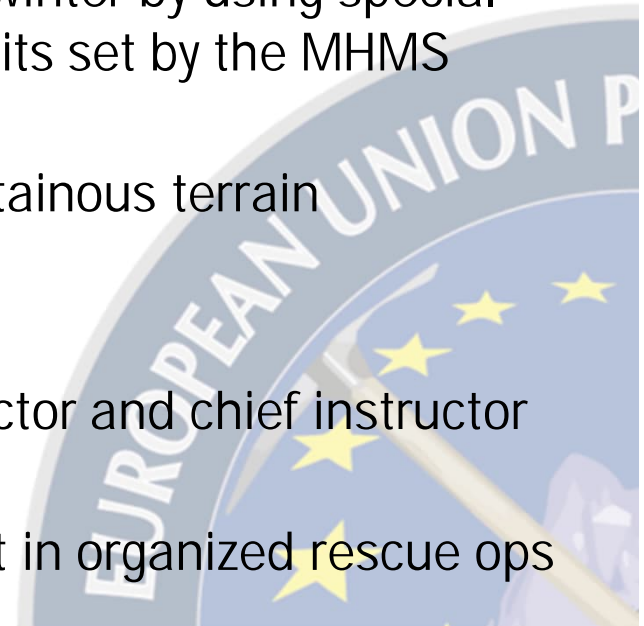




Military High Mountain Instructor Course (MHMIC)



- European level: „Q2“
- Training objective(s): The MHMI/S ...
 - guides soldiers up to platoon strength in terrain up to UIAA difficulty level III+ during summer by using special mountaineering techniques and to make such terrain passable for troops
 - guides soldiers up to platoon strength during winter by using special mountaineering techniques and within the limits set by the MHMS decision aid
 - is able to conduct combat tasks in high mountainous terrain depending on the leadership qualification
 - conducts training at **MMIC** as an instructor
 - conducts training at **MMBT, MHMBT** as instructor and chief instructor (OR-5 and higher)
 - conducts simple rescue ops and gives support in organized rescue ops





- Training location(s): AAF MWC SAALFELDEN
- Duration: 5 weeks summer/ 5 weeks winter every 2 years
- Access skills required: Physical fitness:
 - Running 2.400m within 11:00min
 - 3 pull ups
 - 25 push ups
 - English SLP 2222/STANAG 6001
 - Assessment Q1





- Assessment:

Summer:

(until middle of 1st week)

Winter:

(at the end of 1st week)

Knot theory and practice

Roping up methods

Abseiling, lowering

Rescue Equipment

Systematic transport means

Avalanche rescue

Snow- and Avalanche theory
and practice





- Training lessons:

Summer:

Winter:

Guiding in mountainous terrain

Military mountain instructor

Mountain situation

Rescue and evacuation in mountainous terrain

Fixed rope installations

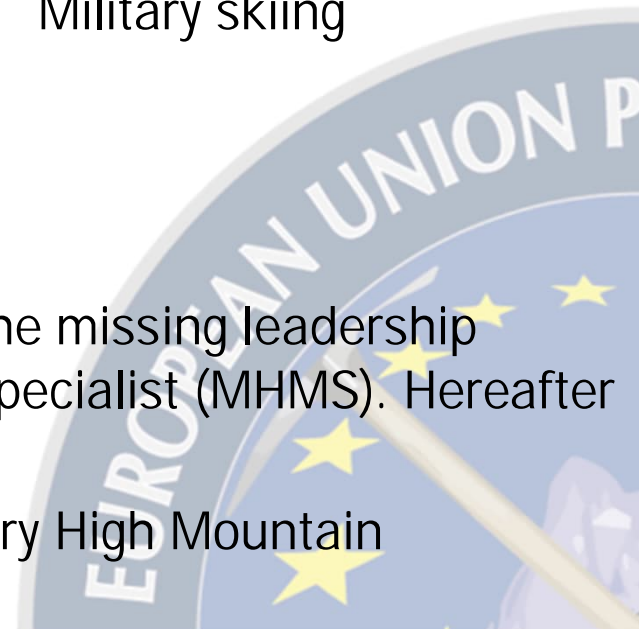
Military skiing

Mountain warfare

- Remarks:

OR1 – OR4 may participate in this course. Due to the missing leadership training they only become Military High Mountain Specialist (MHMS). Hereafter they may act in training as assistant.

OR5 and higher passing this training become Military High Mountain Instructor. (MHMI)





- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

There are only changes: ☒

Course will not be offered anymore: ☐

- Remarks:

Former course name: Military Assistant Mountain Guide (MAMG)





Heeresbergführer (Military Mountain Guide Course - MMGC)



- European level: „E“
- Training objective(s): The HBF...
- Provides advice for commanders in planning and conducting of military operations in mountainous terrain in part of
 - Assessment of the terrain and weather regarding mountain hazards
 - Assessment of the terrain for movement
 - Planning of tactical movements in mountainous terrain
 - Safety measures for preventing accidents
 - Mountain rescue
 - Equipment for mountain operations
 - Logistics
 - Environment protection
 - Conducts performance tests in mountainous terrain
- Conducts training up to Expert level as chief instructor or instructor
- Leads and conducts mountain rescue operations
- Conducts military operations in difficult and very difficult mountainous terrain





- Training location(s): AAF MWC SAALFELDEN
- Duration: 1 Assessment week
14 weeks summer / 19 weeks winter
- Access skills required: Heeresbergführer Assessment week
German SLP 2222/STANAG 6001





- Assessment week:
 - Climbing skills: UIAA IV+ with mountain boots
 - Intermediate ice and mixed-ice skills (up to 60%)
 - Advanced skiing skills
 - Submit the execution from at least 10 advanced mountain tours (summer/winter)
 - Advanced rope techniques (MHMIC)
 - Physical test: run (military boots) a typical mountain path 5 Km (with 700m altitude uphill) and 12 kg backpack within 60 min





- Training lessons:

Summer:

Guiding in mountainous terrain

Military mountain instructor

Mountain situation

Rescue and evacuation in mountainous terrain

Fixed rope installations

Winter:

Military skiing

Avalanche demolition

Mountain warfare

First aid in mountainous terrain





- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

There are only changes: ☐

Course will not be offered anymore: ☐



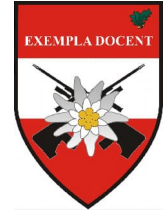


Military Pack Animal Operations Training



- European level: „QAdd“
- Training objective(s):
 - Learn how to
 - make a request for the assignment of pack animals,
 - plan the use of pack animals for
 - transportation and other
 - supporting tasks
- in mountainous terrain.
- Become familiar with the abilities, capacities and needs of pack horses and mules in terms of
 - weight and size of loads
 - mobility
 - long-term missions and
 - infrastructure





- Training location(s): AAF Pack Animal Training Centre,
HOCHFILZEN
- Duration: 1 week
- Access skills required: Sufficient physical fitness
Minimum MTI level: „Q1“
English SLP 2222/STANAG 6001





■ Training lessons:

- Pack animal principles of employment
- Horse care/Hoof care
- Improvised horseshoeing
- Pack animal transport ops
- Riding a pack animal
- Using a pack animal for transportation
- Pack animal vehicle transport
- Pack animal feeding theory
- Pack animal operations planning and use





- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

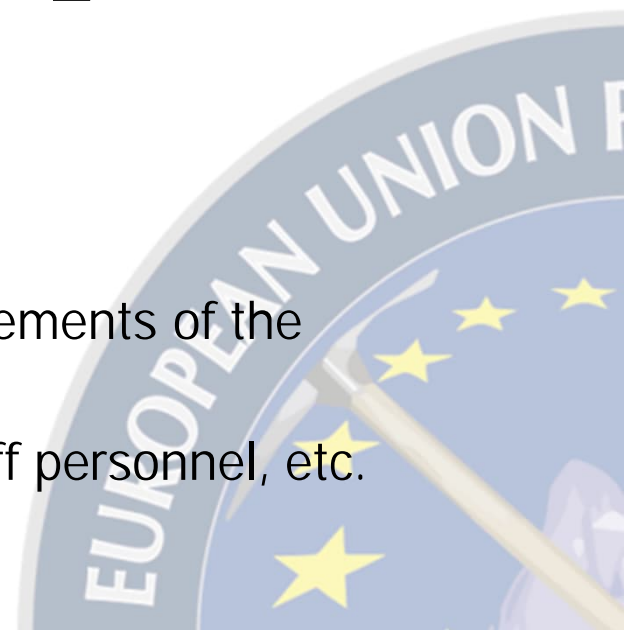
There are only changes: ☐

Course will not be offered anymore: ☐

- Remarks:

The course can be adapted to the requirements of the participants.

E.g. special requirements of snipers, staff personnel, etc.





Military Ski Instructor Course (MSIC)



- European level: „QAdd“
- Training objective(s): The Military Ski Instructor:
 - » trains soldiers in military skiing
 - » provides advise for cdrs in planning and conducting of military ski training on plt and coy-level
- Training location(s): AAF MWC SAALFELDEN
- Duration: 2 weeks winter





- Access skills required: Q2 Winter + Assessment

Physical fitness:

Running 2.400m within 11:00min

3 pull ups

25 push ups

English SLP 2222/STANAG 6001





- Training lessons:
 - Guiding in wintery mountainous terrain
 - Militar mountain instructor
 - Military skiing





- Corresponds with the Allocation chart:

Yes ☒ No: ☐

It is a new course for MTI-members: ☐

There are only changes: ☒

Course will not be offered anymore: ☐





Not offered to MTI!

Heeresschilehrer (Military Ski Guide Courses - MSGC)



- European level: „EAdd“
- Training objective(s): The Military Ski Guide:
 - trains soldiers in unrestricted skiing mobility
 - organises downhill skiing also beside slopes and advises cdrs thereby
- Training location(s): AAF MWC SAALFELDEN
- Duration:
 - 2 weeks Military Ski Guide Aspirant Course
 - 2 weeks Military Ski Guide Examination Course





- Access skills required: MMI and MSI

Physical fitness:

Running 2.400m within 11:00min

3 pull ups

25 push ups

German SLP 2222/STANAG 6001





- Training lessons:

MSG - Aspirant Course

MSG – Examination Course

Guiding in wintery mountainous terrain

Military Mountain Instructor





- Corresponds with the Allocation chart:

Yes ☐ No: ☒

It is a new course for MTI-members: ☐

There are only changes: ☐

Course will not be offered anymore: ☒

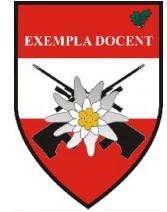
- Remarks

Not offered to MTI!





Train the trainer (Q/E)



- European level: „QAdd“ / „EAdd“
- Training objective(s): Individual preparation for appointed course instructors
- Training location(s): AAF MWC SAALFELDEN
- Duration: Individual





- Access skills required: Q2/E-Level

Physical fitness:

Running 2.400m within 11:00min

3 pull ups

25 push ups

English SLP 2222/STANAG 6001 (for Q2)

German SLP 2222/STANAG 6001 (for E)

- Training lessons: Individual, according to the designated course

- Corresponds with the Allocation chart:

Yes ☐ No: ☒

It is a new course for MTI-members: ☒

There are only changes: ☐

Course will not be offered anymore: ☐



P&S MTI

**to enhance Europe's capability to
operate in mountainous areas**



Thank You