



HOSTILE ENVIRONMENT AWARENESS TRAINING (HEAT) COURSE*

DRAFT COURSE PROGRAMME

*This course concept, based on the proposal drafted by the International Training Programme for Conflict Management (ITPCM) of the Scuola Superiore Sant'Anna, Pisa, has benefitted from the comments of several ENTRi partners and EU institutions. It was approved by the ENTRi partners at a meeting held in Berlin on 23 May 2013.

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DAY 1

SUBJECT	LECTURER	METHOD	MODULE	LEARNING OBJECTIVES
			<p align="center">MODULE I</p> <p align="center">EU personnel deployed in hostile environments</p>	
<p>SUBJECT 1 (08:00-09:00) Course introduction and schedule <i>(theoretical)</i></p>	<p>Course organisers and trainers</p>	<p>Presentation</p>		<p>Participants will be made aware of:</p> <ul style="list-style-type: none"> - Course overview - Competences to be achieved
<p>SUBJECT 2 (09:00-10:30) Threats awareness, associated risk and personal security <i>(theoretical)</i></p> <ul style="list-style-type: none"> - Individual security awareness - “Out & about” - Travel security - Residential security - Bunkers or reinforced rooms (Safe Haven) 		<p>Presentation</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - List the risk categories, including road and traffic accidents; - Be aware of the security issues linked with each category; - Have the appropriate mind-set and “psychological preparation” for field deployment (including gender issues), violence in the field, escalation/de-escalation of violence; - Be familiar with the pre-deployment checklist, ID & official travel documents, contacts list, means of communication, insurance, grab bag.
<p>SUBJECT 3 (10:30-11:00) EU risk management process <i>(theoretical)</i></p> <ul style="list-style-type: none"> - Mission Security Planning - Contingency planning and SOP’s - Documentation (Evacuation) - Contacts and Communications 		<p>Presentation</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - Know the EU risk management process (EU security risk assessment process, risk ratings, minimum security operating standards, etc.); - List the contents of the MSP main body; - Explain the purpose of standard operating procedures (SOPs); - Explain the purpose of contingency plans; - Describe the Emergency Evacuation and Relocation Plan (EERP); - Recognize how to react and what to expect when evacuation has been announced.
<p>SUBJECT 4 (11:00-12:00) Mobile security <i>(theoretical)</i></p> <ul style="list-style-type: none"> - B6 vehicle familiarization - Journey planning - Convoy driving - Vehicle checkpoint procedures - Incident drills on route 		<p>Presentation</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - Explain general convoy safety and security procedures, including SOPs and contingency plans; - Describe general safety procedures in case of lost orientation, lost communication, engine failure; - Explain legal check point safety and security procedures; - Explain illegal check point/road block safety and security procedures; - Explain ambush emergency procedures.
<p>SUBJECT 5 (12:00-13:00) Management of threats related to gatherings, protest, demonstrations & riots <i>(theoretical)</i></p> <ul style="list-style-type: none"> - Civil disturbance - SOP 		<p>Presentation</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - Understand the differences between various mass gatherings and the dangers they might present; - Be familiar with the potential development of mass gatherings; - Be able to recognize a situation that could evolve into a riot; - Be able to read threat signs;

Security Risk Assessment				<ul style="list-style-type: none"> - Be able to analyse, understand and anticipate crowd scenarios; - Be able to react and behave properly so as not to endanger yourself or others; - Understand the threats that crowds might represent; - Be able to exit from a crowd without endangering anyone; - Be familiar with feelings one has when trapped in a crowd.
13.00 - 14.00 LUNCH				
SUBJECT 6 (14:00-15:00) Hostage taking and hostage survival (theoretical) <ul style="list-style-type: none"> - Kidnap prevention - Response - Conduct after capture 		Presentation/coached session		Participants will: <ul style="list-style-type: none"> - Know the basic facts about kidnapping and hostage taking; - Be able to recognize and avoid kinds of behaviour that might increase the potential of being a target for hostage takers; - Understand the sequence of events; - Be familiar with the hostage incident management procedures; - Be able to utilise/apply practical risk prevention and mitigation methods; - List what to do in case of a successful evasion.
SUBJECT 7 (15:00-16:30) Weapons, mines, IEDs and UXOs (theoretical) <ul style="list-style-type: none"> - Ballistic awareness - Ammo effects, booby traps - Counter-IED - Safety procedures 		Presentation/coached session		Participants will: <ul style="list-style-type: none"> - Understand ballistics/weapon effects in the field (refer to most common weapon threats in the field: small calibre, AK47, mortars, grenades and RPGs); - Describe general characteristics of mine; - Describe general characteristics of UXOs; - List most likely areas where explosive devices can be found; - Describe the most common indicators for mines/minefields/UXOs; - Explain SOPs when driving across a suspected mined territory; - Explain emergency procedures when in obvious presence of mines; - Explain emergency procedures in case of a mine accident; - Describe general types and characteristics of IEDs (including EFPs); - List the different types of trigger mechanisms for IEDs; - Describe the safety precautions to be taken when moving across or temporarily halting in a potentially dangerous area; - Explain safety procedures when a suspected IED has been detected; - Explain safety procedures to be observed after an IED explosion;
SUBJECT 8 (16:30-17:00) Protection of sensitive and classified information (theoretical) Information security				Participants will: <ul style="list-style-type: none"> - Identify threats of espionage; - List individual behaviour and good practices to prevent compromising sensitive and/or classified information (relate it to specific context of CSDP Missions possibly handling EU classified information); - List measures at organisational level to prevent compromising sensitive and/or classified information

DAY 2

SUBJECT	LECTURER	METHOD	MODULE	LEARNING OBJECTIVES
			MODULE II Situational training exercise (STX)	
SUBJECT 1 (08:00-11:00) Minefields, UXOs and IEDs <i>(practice and demonstration)</i> - Counter-IED procedures		Practice & demonstration		Participants will: <ul style="list-style-type: none"> - Recognise minefield/UXOs/dangerous area indicators; - Be aware of mistakes when moving across dangerous areas; - Be aware of difficulties in spotting explosive devices; - Be aware of difficulties in spotting trip wires and trigger mechanisms; - Familiar with some models of mines and UXOs; - Apply the security principles when moving across or halting in a potentially dangerous area (e.g. IEDs); - Apply the safety and security principles in case of suspected IED presence, both by car and on foot, highlighting detection of ground signatures that give away IED presence (e.g. buried command wire, aim pointers, path guiding alias rocks used to direct a victim onto trigger).
SUBJECT 2 (11:00-13:00) Hostage survival <i>(practice and demonstration)</i> - Kidnapping scenario		Practice & demonstration		Participants will: <ul style="list-style-type: none"> - Behave properly during the capture phase; - Recognise personal or teammate stress effect; - Cope correctly during the captivity phase; - Recognise personal/team wrong or hazardous behaviour; - Collect information about the kidnappers; - Behave correctly during an armed rescue; - Develop and practice personal stress management strategies for handling unique circumstances.
13.00 - 14.00 LUNCH				
SUBJECT 3 (14:00-17:00) Team under attack <i>(practice and demonstration)</i> - Check-point scenario - Ambush scenario		Practice & demonstration		Participants will: <ul style="list-style-type: none"> - Apply cover and concealment principles; - Be able to "read" the ground and the situation and move accordingly; - Apply team communication techniques to evade the ambush.

DAY 3

SUBJECT	LECTURER	METHOD	MODULE	LEARNING OBJECTIVES
			MODULE III Medical training: health maintenance on mission	
SUBJECT 1 (08:00-10:00) Basic life support in difficult field on mission (<i>theoretical</i>) <ul style="list-style-type: none"> - Medical treatment and primary treatment - CPR, unconscious persons, shock - Bleedings, broken bones - Road Traffic Accident scenario - Trauma - Triage 		Presentation		Participants will: <ul style="list-style-type: none"> - Explain principles for safely applying first aid to the wounded when under attack; - List materials for improvised first aid tools; - Stabilise an injured colleague using primitive (improvised) tools; - Provide first aid to victims of traffic accidents; - Prepare the injured person for evacuation (shock prevention); - Be able to assess victim's condition and prepare the area to facilitate the evacuation.
SUBJECT 1 (10:00-13:00) Basic life support in difficult field on mission (<i>practice and demonstration</i>)		Practice & demonstration		
13.00 - 14.00 LUNCH				
Continue SUBJECT 1 (14:00-17:00) Basic life support in difficult field on mission (<i>practice and demonstration</i>)		Practice & demonstration		

DAY 4

SUBJECT	LECTURER	METHOD	MODULE	LEARNING OBJECTIVES
			<p align="center">MODULE IV</p> <p align="center">Orientation, communications and four-wheel vehicle</p>	
<p>SUBJECT 1 (08:00-11:00) Map reading and navigation <i>(theoretical)</i></p> <ul style="list-style-type: none"> - Fundamentals of map reading - Navigation - GPS features - Practice 		<p align="center">Presentation</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - Demonstrate how to orientate a map; - Explain map symbols and key features; - Demonstrate how to measure distances on a map; - Demonstrate how to read grid references on a map; - Explain main GPS functions(desirable); - Demonstrate how to set up a GPS for a vehicle trip (desirable); - Demonstrate how to insert a Way Point (WP) in a GPS (desirable)
<p>SUBJECT 2 (11:00-13:00) Means of communication and communication procedures <i>(theoretical)</i></p> <ul style="list-style-type: none"> - Basic radio communication principles - VHF and UHF characteristics - Basic radio transmissions - Sat communication principles - Comms security - Practice 		<p align="center">Practice & demonstration</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - Explain basic radio communication principles; - Explain VHF/UHF radio characteristics; - Be able to spell using the international phonetic alphabets; - Be able to handle basic radio transmissions, both on the sending and receiving ends; - Explain basic satellite communications principles; - Explain characteristics of sat-phones; - Explain fundamentals of radio communication procedures; - List the standard "emergency message" content; - List do's and don'ts regarding communication security.
13.00 - 14.00 LUNCH				
<p>SUBJECT 3 (14:00-16:00) Characteristics and capabilities of 4x4 vehicles <i>(demonstration)</i></p> <ul style="list-style-type: none"> - 4x4 vehicle features - Off road drive safety rules - Use of different gear level - Use of differential lock 		<p align="center">Practice & demonstration</p>		<p>Participants will:</p> <ul style="list-style-type: none"> - Explain capabilities and limitations of 4x4 vehicles; - Explain the use of high gears and low gears; - Explain the use of differential lock (desirable); - List safety rules when driving off road; - List safety rules for obstacle negotiation; - List safety rules before and during water obstacle crossing.
<p>SUBJECT 4 (16:00-17:00) Introduction to four-wheel driving techniques <i>(demonstration)</i></p> <ul style="list-style-type: none"> - Off road driving, vehicle recovery and changing tyre procedure 				<p>Participants will:</p> <ul style="list-style-type: none"> - Be able to perform the correct use of low/high gears; - Be able to perform the correct driving technique on inclines; - Be able to perform the correct driving technique on rocky terrain; - Be able to perform the correct driving technique on sand/gravel; - Be able to perform the correct driving technique in mud; - Be able to perform the correct safety procedure at river crossings;

				<ul style="list-style-type: none">- Be able to perform the correct procedure for vehicle recovery (straps);- Be able to perform the correct procedure for vehicle recovery (winch) (desirable);- Be able to perform the correct procedure for changing a flat tyre;- Carry out correct GPS navigation (desirable).
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DAY 5

SUBJECT	LECTURER	METHOD	MODULE	LEARNING OBJECTIVES
			MODULE V Field training exercise (FTX)	
<p><u>SUBJECT 1 (08:00-13:00)</u> Convoys: navigations trough hostile environments (<i>practice and demonstration</i>)</p> <ul style="list-style-type: none"> - Route planning - Land navigation - Applications of convoy SOP - Applications of Counter-IED procedures - Use of communication procedures - Deal with different tactical situations: legal CP, illegal CP, vehicle attack, UXO incident, crowd attack 		Field exercise		<p>Participants will:</p> <ul style="list-style-type: none"> - Display correct use of maps and GPS for land navigation; - Display correct application of convoy SOP and use proper driving techniques (just within visual range spacing to reduce IED effectiveness and reduce signature of the convoy); - React correctly at an ambush site; - Deal correctly with a legal check point; - React correctly after an IED attack; - Deal correctly with an illegal check point; - Display correct use of means and procedures of communication.
13.00 - 14.00 LUNCH				
<p><u>Continue SUBJECT 1 (14:00-17:00)</u> Convoys: navigations trough hostile environments (<i>practice and demonstration</i>)</p> <ul style="list-style-type: none"> - AAR 		Field exercise		
<p><u>OVERALL TRAINING CONCLUSION (17:00-18:00)</u></p> <ul style="list-style-type: none"> - Debriefing - Feedback - Delivery of certificates 				