Common Module
Interoperability
Module Description

Implementation Group
Doc.:
Date :
Origin: SP

Country **CZ**	Institution **University of Defence**	Common Module **Interoperability**	ECTS **6.0**

Service **ALL**	**Minimum Qualification for Lecturers**
	Officers or Civilian Lecturers:
Language **English**	• English: Common European Framework of Reference for Languages (CEFR) Level B2 or NATO STANAG Level 3.
	• Experience on a level of staff member in a multinational task force – or – multinational experience
	• Thorough knowledge of multinational operational environment.
	• Thorough knowledge of Command and Control.
	• Thorough knowledge of Small Unit and Formation Tactics.

Prerequisites for international participants:	**Goal of the Module**
• English: Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 2.	• Ability to adapt, communicate, operate and lead teams in within a multinational operational environment.
• Basic managerial and leadership competences.	
• Basic communication and presentation competences.	• Distinguish differences in international military & systems operations
• Awareness of respective national armed forces (organization, mission, C2 etc.) including basic knowledge of roles and capabilities of national military equipment and weapon systems.	

Learning outcomes	Know-ledge	• To discuss specifics of NATO military operations.
		• To know the nature of command and control according to NATO requirements.
		• To understand and present principles of troop leading procedure.
	Skills	• To perceive the nature of the international environment and orient a team in how to lead multinational operations.
		• To distinguish between specific approaches and techniques applicable to leading teams in international environment.
		• To apply common standards in troop leading procedures and in the processing of combat documents.
		• To communicate effectively within an international task organised unit team and solve problems at the tactical level.
	Compe-tences	• To develop mutual understanding and trust confidence among international counterparts and their professional networking.
		• To lead teams in multinational environments

Verification of learning outcomes

- **Observation**: Throughout the Module students are to discuss given topics within syndicates.
- **Exercise**: Active participation during Computer aided exercise and fulfilling all assigned tasks.
- **Evaluation:** Elaborate and defend seminar thesis.

Module Details

Main Topic	Recom-mended WH	Details
E-learning (IDL)	10	• In advance preparation before the study: o The nature and scope (division) of NATO, EU and UN Operations o Command and Control principles and the system o The TLP steps and their content o Form of orders and reports o Joint military symbols and Task verbs
Test	1	• If the e-learning does not include tests anyway, the determination of the entry level according to the e-learning outcomes is to be conducted. If this hour is not used it counts to the self-studies hours.
Military Operations	8	• The Operational Environment • Spectrum of Conflict • The Manoeuvrist Approach • Land Tactical Activities: o Offensive, Defensive, Stability and Enabling • Combat Power – War Fighting Functions
Command and Control	12	• Command and Control at tactical Level • Role of Command Authorities (Chain of Command) • Role of Command Posts • C2 Processes (detailed in DMP Topic see below) • Role of Communication and Information Systems
Decision Making Process (DMP)	18	• Battle Command (Understand, Visualize, Describe, Direct) • Troop Leading Procedures • Orders and Reports Production according to international standards • Joint Military Symbols and Task Verbs
Tactics	10	• Combat Unit Organisation • Weapon Systems and Communication System Capabilities • Small Unit Tactics in Examples: o Movement, Attack to Destroy ENY, Defend to Hold Position
Commander´s exercises and SYNEX	34	• Introductory Briefing • Receiving of Mission (Higher Commander OPORD) • TLP – All Phases • Battle Command – Execution of Tasks (Direct) • After Action Review
Total	**93**	

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Additional hours to increase the learning outcomes		
Syndicate work (SW)	12	• To increase the understanding of the context of areas of Interoperability.
Seminar Thesis Elaboration	20	• Elaborate a seminar thesis focused on assigned topic and defend it.
Self-study	25	• Preparation for the upcoming lessons and for exam(s). • Reflection of the topics issued.
Total	**57**	
Total WH	**150**	The amount of hours for the use of the developed e-learning is up to the module director. He/she may replace the e-learning hours/topics with residential phases. The detailed amount of hours for the respective main topic is up to the course director according to national law or home institution's rules.

List of Abbreviations:

AAP .... Allied Administrative Publication

APP .... Allied Procedural Publication

B1, B2 .... Common Reference Levels

C2 .... Command and Control

CEFR .... Common European Framework of Reference for Languages

CZ .... Czech Republic

DMP .... Decision Making Process

ECTS .... European Credit Transfer and Accumulation System

ENY .... Enemy

EU .... European Union

IDL .... Independent Distance Learning

IG .... Implementation group

LU .... Lecture Unit

NATO .... North Atlantic Treaty Organisation

OPORD .... The Operation Order Oford

SP .... The Strategic Partnership

STANAG .... Standardization Agreement

SW .... Syndicate Work

SYNEX .... Synthetic Exercise

TLP .... Troop Leading Procedures

UN.. United Nations

WH .... Working Hour