

Country RO	Institution "Carol I" National Defence University	Common Module Multinational Operations Logistics	ECTS 2.0 (+ 1.0 e-learning)
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Service All	Minimum Qualification of Instructors <ul style="list-style-type: none">Level B2 of the Common European Framework of Reference for Languages (CEFR) or NATO STANAG Level 3Experience in conducting academic lectures.Knowledge of the EU and NATO operations and the multinational logistic solutions.
Language English	
SQF MILOF	Competence area - Military technician Learning area – Sustaining the forces Organisation level - Single service

Prerequisites for international participants <ul style="list-style-type: none">English: Common European Framework of Reference for Languages (CEFR) level B1 or NATO STANAG level 2.Knowledge of basic military operations & logistics concepts.At least 2 years of national (military) education.	Contents of the Module <ul style="list-style-type: none">The combat service support capabilities of units and formations specific to the service during multinational operationsThe logistics requirements during the planning of multinational operations.
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Learning outcomes	Knowledge	<ul style="list-style-type: none">Perform review of the concepts related to multinational operations logistics.Formulate the multinational operations logistic solutions and their importance.
	Skills	<ul style="list-style-type: none">Analyse the different types of multinational logistic solutions.Develop creative solutions in multinational logistic planning employing the EU and NATO structures that can provide logistic support.
	Responsibility and autonomy	<ul style="list-style-type: none">Chooses the optimal multinational logistics options in different scenario exercises.Solves problems related to establishing connections with different multinational logistics providers in different scenario exercises.

Verification of learning outcomes: <ul style="list-style-type: none">Observation: trainees are evaluated during each session, in order to document the understanding of the individual topics of the module.Test: At the end of the course an integrated theoretical test is conducted.

Multinational Operations Logistics

Module Description

Implementation Group

Doc.: IG/ XXXX
Date: 20 11 2023
Origin: "Carol I" NDU

Module details			
Main Topic	Residential WH	E-learning WH	Details
General aspects about EU and NATO multinational operations	6	4	<ul style="list-style-type: none"> Introduction to multinational operations (types of multinational operations, levels of multinational operations)/e-learning. Operational capability concept/ e-learning. Command and control architecture in multinational operations (FULLCOM, OPCOM, OPCON, TACOM, TACON)/ e-learning. Recent EU multinational operations (examples with short descriptions/residential; syndicate case studies/residential). Recent NATO multinational operations (examples with short descriptions/residential; syndicate case studies/residential).
Principles of the multinational operations logistics	0	3	<ul style="list-style-type: none"> The concept of multinational operations logistics. Review of the principles of the multinational operations logistics.
Factors influencing the logistics in multinational operations	6	4	<ul style="list-style-type: none"> Factors influencing logistics in multinational operations (demand, destination, distance, duration, risk assessment)/residential. Logistic success criteria of multinational operations (interoperability, visibility, mobility)/residential. Logistic command and control architecture in multinational operations (ADMINCON and LOGCON and their influence on multinational operations logistics)/e-learning.
Multinational logistic solutions	4	4	<ul style="list-style-type: none"> Multinational logistic functional and related areas/e-learning. The importance of multinational logistic solutions. Types of multinational logistic solutions (LLN, LRSN, MILUs, MIMUs, MCPU, OLSP)/e-learning; syndicate case studies/residential. Benefits and limitations of multinational logistics/e-learning.
Logistic system of the multinational operations	2	3	<ul style="list-style-type: none"> Levels of multinational operations logistics/e-learning. Lines of logistic support/e-learning. Multinational logistics coordination structures (MLCC, EDA)/residential: case studies on different structures.
Supply and re-supply in multinational operations	2	3	<ul style="list-style-type: none"> Classes of supply suitable for multinational logistic support/e-learning. Re-supply methods in multinational operations (push, pull, combined)/e-learning. Exercise related to different needs that have to be covered through multinational logistic solutions/residential.
Movement and transportation in multinational operations	2	2	<ul style="list-style-type: none"> The importance of M&T in multinational operations/e-learning. Multinational movement and transportation structures (EU and NATO) and the relations between them (MCCE, AMCC, MSSC, AMSCC, EATC, SAC/HAW, SALIS, MTH)/e-learning; syndicate case studies/residential. EU Diplomatic Clearances by EDA/e-learning.
Medical support in multinational operations	2	2	<ul style="list-style-type: none"> The importance of medical support in multinational operations/e-learning. Multinational medical support structures/e-learning; syndicate case studies/residential.
Total lecture WH	24	25	
Additional hours (WH) to increase the learning outcomes			
Self-Studies	25		
Final test	1		
Total WH	75	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:

ADMINCON	Administrative Control
AMCC	Allied Movement Coordination Centre
AMSCC	Athens Multinational Sealift Coordination Centre
B1, B2	CEFR Levels
CEFR	Common European Framework of Reference for Languages
EATC	Allied Movement Coordination Centre
ECTS	European Credit Transfer and Accumulation System
EDA	European Defence Agency
ESDC	European Security and Defence College
EU	European Union
FULLCOM	Full Command
IG	Implementation Group
LOGCON	Logistic Control
LLN	Logistic Lead Nation
LRSN	Logistic Role Specialized Nation
MCCE	Movement Coordination Centre Europe
MCPU	Multinational Combined Petroleum Unit
MILU	Multinational Integrated Logistic Unit
MIMU	Multinational Integrated Medical Unit
MLCC	Multinational Logistic Coordination Centre
MSSC	Multinational Sealift Steering Committee
MTH	Multimodal Transportation Hub
NATO	North Atlantic Treaty Organization
NDU	National Defence University
OLSP	Operational Logistic Support Partnership
OPCOM	Operational Command
OPCON	Operational Control
RO	Romania
SAC/HAW	Strategic Airlift Capability/Heavy Airlift Wing
SALIS	Strategic Airlift Interim Solution
STANAG	Standardization Agreement
TACOM	Tactical Command
TACON	Tactical Control

WH Working Hour