



COMMANDANT (RECTOR)  
„NICOLAE BĂLCESCU” LAND FORCES ACADEMY  
SIBIU, ROMANIA



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## INVITATION TO THE COMMON MODULE – “INTEROPERABILITY”

Dear Commandants/Dear Rectors,

I have the pleasure and privilege to invite you to participate in the Common Module “Interoperability”, organized by the “Nicolae Bălcescu” Land Forces Academy from the 08<sup>th</sup> of March to the 20<sup>th</sup> of March 2021, under the framework of the European Initiative for the Exchange of Young Military Officers.

We invite cadets and young military officers to take the opportunity of experiencing one week of theoretical training in our Academy and one week of practical training in the Land Forces Combat Training Center “GETICA”, also known as CINCU CTC, together with other NATO and EU member states’ participants.

Accommodation and meals are provided free of charge. Transportation to/from the venue is under the participants’ responsibility. No participation fee is required.

You will find all needed information about this module in the attached forms.

Participants are kindly requested to confirm their attendance by filling in the attached Registration Form and send it to the POC (Ramona Herman), at the e-mail address: [international.relations@armyacademy.ro](mailto:international.relations@armyacademy.ro), no later than 15<sup>th</sup> of January 2021.

In further communication of this matter and administrative information, kindly use the following e-mail address: [international.relations@armyacademy.ro](mailto:international.relations@armyacademy.ro)

I am looking forward to welcoming you in Sibiu!

Sincerely,

BG. Prof. Eng. **GHIȚĂ BÂRSAN**, PhD

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# Registration Form

Data protection:  
Your data will be used for necessary internal administrative procedures only.  
They will not be published in any case!



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<b>Remarks:</b> <ul style="list-style-type: none"><li>- Please fill in the yellow fields only or mark with an X</li><li>- Fill in 1 form for 1 person</li><li>- Send this application form to: <a href="mailto:international.relations@armyacademy.ro">international.relations@armyacademy.ro</a></li></ul>	I want to participate in the
	<b>INTEROPERABILITY COMMON MODULE</b> <b>08-20 March 2021*</b>

Arrival date in Sibiu	Arrival time in Sibiu (if possible)	By plane	By train	By car	By bus	Need local transport to the LFA location	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Departure date from Sibiu	Departure time from Sibiu (if possible)	By plane	By train	By car	By bus	Need local transport from the LFA location	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Male	Female	Rank	Family name	First name

Date of birth	Nationality	Passport (ID) number	Passport validity until

Branch of Service (if available)	Sending institution

Phone number (if available)	E-mail address
Address	

Special dietary or food requirements due to medical or religious reasons		If yes, please specify food you cannot eat	Additional remarks (Need for special equipment, special travel arrangements ....)
No	Yes		
<input type="checkbox"/>	<input type="checkbox"/>		

\* Deadline for submitting the Registration form: 15<sup>th</sup> of January 2021.



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Please integrate a copy of your passport / ID hereinafter:





# Common Module Interoperability Module Description



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Country	Institution	Module	ECTS
RO	LFA	Interoperability	6.0

Service	<b>Minimum Qualification for Lecturers</b>  <b>Officers or Civilian Lecturers:</b> <ul style="list-style-type: none"> <li>English: Common European Framework of Reference for Languages (CEFR) Level B2 or NATO STANAG Level 3.</li> <li>Thorough knowledge of multinational operation environment.</li> <li>Thorough knowledge of Command and Control.</li> <li>Thorough knowledge of Small Unit and Formation Tactics.</li> </ul>
ALL	
Language	
English	

<b>Prerequisites for international participants:</b> <ul style="list-style-type: none"> <li>English: Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 2.</li> <li>Basic managerial and leadership competences.</li> <li>Basic communication and presentation competences.</li> <li>Awareness of respective national armed forces (organization, mission, C2 etc.) includes basic knowledge of roles and capabilities of national military equipment and weapon systems.</li> </ul>	<b>Goal of the Module</b> <ul style="list-style-type: none"> <li>Ability to adapt, communicate, operate and lead teams in multinational operation environment.</li> <li>Distinguish differences in international military systems operation.</li> </ul>
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Learning outcomes	Know- ledge	<ul style="list-style-type: none"> <li>To discuss specifics of NATO military operations.</li> <li>To know the nature of command and control according to NATO requirements.</li> <li>To understand and present principles of troop leading procedure.</li> </ul>
	Skills	<ul style="list-style-type: none"> <li>To perceive the nature of the international environment and orient themselves in leading of multinational operations.</li> <li>To distinguish specific approaches and techniques applicable to leading teams in international environment.</li> <li>To apply common standards in troop leading procedures and processing of combat documents.</li> <li>To communicate effectively within international task organized unit (team) and solve problems at the tactical level.</li> </ul>
	Compe- tences	<ul style="list-style-type: none"> <li>To develop mutual understanding and trust (confidence) among international counterparts and their professional networking.</li> </ul>

<b>Verification of learning outcomes</b> <ul style="list-style-type: none"> <li><b>Observation:</b> <ul style="list-style-type: none"> <li>Throughout the Module students are to discuss given topics within syndicates.</li> </ul> </li> <li><b>Exercise:</b> <ul style="list-style-type: none"> <li>Active participation during Computer aided exercise and fulfilling all assigned tasks.</li> </ul> </li> <li><b>Evaluation:</b> <ul style="list-style-type: none"> <li>Elaborate and defend seminar thesis.</li> </ul> </li> </ul>
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# Common Module Interoperability Module Description



Module Details		
Main Topic	Recommended Working Hours	Details
Military Operations	12	<ul style="list-style-type: none"> <li>The Operational Environment</li> <li>Spectrum of Conflict</li> <li>The Manoeuvrist Approach</li> <li>Land Tactical Activities: <ul style="list-style-type: none"> <li>Offensive, Defensive, Stability and Enabling</li> </ul> </li> <li>Combat Power – War Fighting Functions</li> </ul>
Command and Control	8	<ul style="list-style-type: none"> <li>Command and Control at tactical Level</li> <li>Role of Command Authorities (Chain of Command)</li> <li>Role of Command Posts</li> <li>C2 Processes (detailed in DMP Topic see below)</li> <li>Role of Communication and Information Systems</li> </ul>
Decision Making Process (DMP)	18	<ul style="list-style-type: none"> <li>Battle Command (Understand, Visualize, Describe, Direct)</li> <li>Troop Leading Procedures</li> <li>Orders and Reports Production (STANAG 2014, 2020, 2022, 3680 /AAP-6/ and 7149 /APP-11(C)/)</li> <li>NATO Joint Military Symbols (STANAG 2019 /APP-6(c)/)</li> <li>Task Verbs (STANAG 2287)</li> <li>Tactical Radio Communication Procedures</li> </ul>
Tactics	10	<ul style="list-style-type: none"> <li>Combat Unit Organisation</li> <li>Weapon Systems and Communication System Capabilities</li> <li>Small Unit Tactics in Examples: <ul style="list-style-type: none"> <li>Movement, Attack to Destroy ENY, Defend to Hold Position</li> </ul> </li> </ul>
Commander's exercises and SYNEX	34	<ul style="list-style-type: none"> <li>Introductory Briefing</li> <li>Receiving of Mission (Higher Commander OPORD)</li> <li>TLP – All Phases</li> <li>Battle Command – Execution of Tasks (Direct)</li> <li>After Action Review</li> </ul>
<b>Total</b>	<b>80</b>	
Additional hours to increase the learning outcomes		
Syndicate work (SW)	12	<ul style="list-style-type: none"> <li>To increase the understanding of the context of areas of Interoperability.</li> </ul>
Self-study included IDL	38	<ul style="list-style-type: none"> <li>Preparation for the upcoming lessons and for exam(s).</li> <li>Reflection of the topics issued.</li> </ul>
Seminar Thesis Elaboration	20	<ul style="list-style-type: none"> <li>Elaborate a seminar thesis focused on assigned topic and defend it.</li> </ul>
<b>Total</b>	<b>70</b>	
<b>Total WH</b>	<b>150</b>	



Common Module  
**Interoperability**  
Module Description



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**List of Abbreviations:**

AAP	.....	Allied Administrative Publication
APP	.....	Allied Procedural Publication
C2	.....	Command and Control
CEFR	.....	Common European Framework of Reference for Languages
ENY	.....	Enemy
IDL	.....	Independent Distance Learning
LU	.....	Lecture Unit
STANAG	.....	Standardization Agreement
SW	.....	Syndicate Work
SYNEX	.....	Synthetic Exercise
TLP	.....	Troop Leading Procedures
WH	.....	Working Hour







# “Nicolae Bălcescu” Land Forces Academy - Sibiu



## PRACTICAL INFORMATION

<b>1.</b>	<b>Dates, Location, Participants</b>
	<p>Participants are <b>cadets/young officers</b> who are willing to take part in the common module „Interoperability“. The module will takes place in the period <b>08<sup>th</sup>-20<sup>th</sup> March 2021</b>.</p> <ul style="list-style-type: none"><li>▪ Basic knowledge on English (B2 level) or NATO STANAG Level 3</li><li>▪ Basic managerial and leadership competences</li><li>▪ Awareness of respective national armed forces (organization, mission), including basic knowledge of roles and capabilities of national military equipment and weapon systems</li></ul> <p>Up to 25 participants will be admitted.</p> <p><b>NOTE:</b> The second week of the module (15-19 March) will be held at the <b>Land Forces Combat Training Center „GETICA“ in Cincu</b>.</p>
<b>2.</b>	<b>Accommodation and meals</b>
	<p>The participants who will choose to stay in the Academy's buildings will be offered accommodation and meals free of charge.</p> <p>Each room in the Academy can accommodate 2-3 persons.</p>
<b>3.</b>	<b>Costs</b>
	<p>Accommodation and meals are provided free of charge for all participants who decide to stay inside the Academy.</p> <p>No course fee is required.</p>
<b>4.</b>	<b>Transportation</b>
	<p>Participants are requested to make their own travel arrangements to and from Sibiu: airport/railway station/bus station etc.</p> <p>„Nicolae Balcescu“ Land Forces Academy will provide free transport from the above mentioned locations to the Academy and back. Transportation from/to local airport or railway stations must be required in advance, preferably one week before arrival.</p> <p>Prices for using taxis from the airport/railway station/bus station to the academy rate between 5-10 EUR. Another option is to use public transportation.</p>
<b>5.</b>	<b>Uniform/dress code</b>
	<p>Arrival/Departure/Sightseeing/Social events: Civilian clothes.</p> <p>Opening/Closing ceremony: Best uniform.</p> <p>Classes: Combat uniform/Service uniform.</p>
<b>6.</b>	<b>Registration</b>
	<p>Please use the attached registration form (if you do not have your transport details on this stage, you can send them later on) and send it to the POC (Ramona Herman), at the e-mail address: <a href="mailto:international.relations@armyacademy.ro">international.relations@armyacademy.ro</a>.</p> <p>Deadline for registration is 15<sup>th</sup> of January 2021.</p>
<b>7.</b>	<b>POC</b>
	<p><b>Ramona-Elena HERMAN</b> „Nicolae Balcescu“ Land Forces Academy 3-5 Revolutiei Street, Sibiu, Romania, 550170 Tel: +40 269 432 990/int. 1317 (office) Mob : +40 745 778 468 E-mail: <a href="mailto:international.relations@armyacademy.ro">international.relations@armyacademy.ro</a></p>

- The detailed module description of the Common Module „Interoperability“ can be found on the EMILYO homepage: <http://www.emilyo.eu/node/878>

