

MINISTRY OF DEFENCE OF UKRAINE

MILITARY ACADEMY (ODESA)

**EDUCATIONAL PROGRAMME
OF THE PROFESSIONAL MILITARY EDUCATION COURSE**

**TACTICAL-LEVEL COMMAND COURSE
OF AIRBORNE ASSAULT FORCES, L-1C (AAF)**

**Military Accounting
Specialty**

021200 "Combat employment of airmobile (airborne), air assault, mountain assault, and marine infantry formations, military units, and subunits"

APPROVED

by the Academic Council of the Military Academy (Odesa) (protocol dated "____" ____ 20_ No._)

Head of the Academic Council
Military Academy (Odesa)
Major General

Andrii KOVALCHUK

Put into effect by Order of the Commandant of the Military Academy (Odesa) dated "__" ____ 20_ No.

**Odesa
2024**

**LETTER OF AGREEMENT
OF THE EDUCATIONAL PROGRAMME
OF THE PROFESSIONAL MILITARY EDUCATION COURSE**

**TACTICAL-LEVEL COMMAND COURSE
OF AIRBORNE ASSAULT FORCES, L-1C (AAF)**

**Military Accounting
Specialty** 021200 "Combat employment of airmobile
(airborne), air assault, mountain assault, and
marine infantry formations, military units, and
subunits "

APPROVED

Director of the Directorate of Military
Education and Science, Ministry of
Defence of Ukraine

Volodymyr MIRNENKO
_____ 2024

APPROVED

Head of the Central Department of Military
Education and Science of the General Staff
of the Armed Forces of Ukraine
Colonel

Oleh PAVLOVSKYI
_____ 2024

APPROVED

Commander of the Air Assault Forces of
the Armed Forces of Ukraine
Brigadier General

Ihor SKYBIUK
_____ 2024

Developed and introduced

Chairman of the working group

Chief of the Training Department (G7) of
the Headquarters of the Command of the
Air Assault Forces of the Armed Forces of
Ukraine
Colonel

Sviatoslav Zaits
_____ 2024

FOREWORD

Developed by a working group of the Air Assault Forces Command and the Military Academy (Odesa).

Order of the Commander of the Airborne Assault Forces of the Armed Forces of Ukraine dated 19.02.2024, No. 42.

Head of the Working Group:

ZAITIS Sviatoslav Anatoliiovych - Chief of the Training Department (G7) of the Headquarters of the Airborne Assault Forces Command of the Armed Forces of Ukraine.

Members of the working group:

TABACHNYI Oleksandr Serhiiiovych - Colonel, Head of the Planning and Operational Training Branch of the Training Department (G-7) of the Headquarters of the Airborne Assault Forces Command of the Armed Forces of Ukraine;

KIIANETS Volodymyr Anatoliiovych - Lieutenant Colonel, Head of the Group for Study and Implementation of Experience of the Planning and Operational Training Branch of the Training Department (G-7) of the Headquarters of the Airborne Assault Forces Command of the Armed Forces of Ukraine;

BORDIUH Oleksandr Vasylovych - Head of the Training Branch of General Forces Units and Subunits of the Training Department (G-7) of the Headquarters of the Airborne Assault Forces Command of the Armed Forces of Ukraine;

LIULKA Oleksandr Valeriiiovych - Colonel, Deputy Head for Educational and Scientific Work, Faculty of the Airborne Assault Forces and Marine Infantry Specialists Training, - Head of the Educational Section;

DIACHENKO Volodymyr Ivanovych - PhD in Military Sciences, Colonel, Head of the Department of Armament of Combat Vehicles and Fire Training, Faculty of the Airborne Assault Forces and Marine Infantry Specialists Training, Military Academy (Odesa);

HEORHIIIEV Vasyl Mykhailovych - PhD in Pedagogical Sciences, Associate Professor, Lieutenant Colonel, Professor of the Department of Airborne Training, Faculty of the Airborne Assault Forces and Marine Infantry Specialists Training, Military Academy (Odesa);

MANZHAI Oleh Valeriiiovych - Lieutenant Colonel, Deputy Head of the Department of Armoured Vehicles, Faculty of the Airborne Assault Forces and Marine Infantry Specialists Training, Military Academy (Odesa).

Course Director:

KLYMENKO Vadym Mykolaiovych - PhD in Military Sciences, Associate Professor, Colonel, Head of the Department of Command and Control of Airborne Assault Forces and Marine Infantry, Faculty of the Airborne Assault Forces and Marine Infantry Specialists Training, Military Academy (Odesa)

I. PROFILE OF THE EDUCATIONAL PROGRAMME

1 - General information	
Full Name of the Military Higher Education Institution	Military Academy (Odesa)
Title of the Document on Completion and Scope of the Educational Programme of the Professional Military Education Course	Certificate of completion of the course "Tactical-Level Command Course of Airborne Assault Forces, L-1C (AAF)" VOS 021200. Scope of the Educational Programme: 20 ECTS credits.
Prerequisites	A higher education degree of at least a bachelor's degree; completion of a professional course at the L-1B tactical level.
Language(s) of instruction	Ukrainian
Validity of the educational programme of the professional military education course	Until a new educational programme is updated or introduced.
2 – The aim of the educational programme of the professional military education course	
<p>Training of a tactical officer who is competent in the use of weapons and means of Airborne Assault troops, capable of performing assigned tasks in positions with the rank of captain, carrying out professional activities in accordance with official duties, being a leader in a military team, making decisions in accordance with the requirements of governing documents and critical analysis of the situation, taking responsibility for them, and being responsible for subordinates.</p> <p>Performance of official (special) duties that determine the scope of tasks assigned by the position and other regulatory acts.</p>	
3 - The characteristics of the educational programme of the professional military education course	
Subject area	Field of knowledge: "25 Military sciences, national security, state border security"; Speciality: "253 Military Command and control (by type of Armed Forces)"; Specialisation: " Command and Control of airborne assault Units".
The main focus of the educational programme of the professional military education course	Professional military education for military service in typical positions defined in the professional standard of the respective level.
Features of the programme	Training in the system of multi-level professional military education of officers of the Armed Forces of Ukraine. Features of the combat experience of the russian-Ukrainian war.
4 - The employability and further education prospects of graduates	
Employability	Typical positions of persons with the rank of captain, as defined in the professional standard for tactical level officers.
Further training	Training under the educational programme of the professional military education course "Command and Staff Course of the Tactical Level of Airborne Assault Forces, L-2 (AAF)"
5 - Instruction and assessment	
Teaching and learning	The main types of training sessions for teaching the components of the educational programme are: lecture, practical sessions, seminar, group session, group exercise, tactical briefing, tactical (tactical-special) exercise, tactical-drill exercise, training,

		independent work.
Assessment		Assessment of the learning outcomes of course participants includes the full range of control measures provided by the programmes of study disciplines and is carried out on a 100-point scale, ECTS scale and national scale.
6 - Programme competences		
Military and professional competences (MPC)	MPC -13	The ability to apply knowledge of modern armed struggle and general military combat, military art, in various conditions of professional activity, to manage company units during the preparation and conduct of combat operations.
	MPC -14	The ability to assess the enemy and predict the most likely options for his actions in solving combat missions in various types of combat.
	MPC -15	The ability to carry out measures to ensure comprehensive combat support, to manage the preparation of regular weapons, military equipment and material resources of a subordinate and attached unit for use.
	MPC -16	The ability to motivate people and move towards a common goal, to exercise leadership qualities, to ensure psychological stability and safety of personnel in the process of solving the unit's tasks.
	MPC -17	The ability to organise moral and psychological support in the company; effectively influence the consciousness and psyche of servicemen to ensure that they perform tasks under any conditions.
Military-specific competences (MSC)	MSC -6	The ability to plan, organise and conduct the main types of combat (combat operations) by company units, including procedures used in the armed forces of NATO member states (TLP), clearly define combat tasks for subordinate and attached units, and navigate in difficult combat conditions.
	MSC -7	Ability to manage the preparation of regular company weapons for combat use, effectively use the combat and technical capabilities of weapons during combat (combat operations), exercises (training, firing).
	MSC -8	The ability to organise and conduct individual and collective training of company units in the system of training of military units; to develop planning and reporting documents, effectively use training facilities and objects of the training material and technical base; ensure compliance with security measures during classes and exercises.
	MSC -9	Ability to use modern information technologies to assess the effectiveness of combat use of the unit, adjust artillery fire and solve other professional tasks of daily activities.
	MSC -10	The ability to ensure proper preparation for use, operation and maintenance of military equipment of their units and foreign models, to carry out measures for its evacuation, to account for and write off material and technical means
	MSC -11	Ability to plan and manage the actions of battalion units as part of a battalion headquarters in accordance with NATO procedures (MDMP).
	MSC -12	Ability to carry out professional activities taking into account the needs of national security and defence.
	7 - Programme Learning Outcomes	

Military Professional Training (LOmpt)	LOmpt 13	Demonstrate an understanding of the basics of military art and general tactics; acquire theoretical knowledge and practical skills in planning the actions of company units in the main types of combat, taking into account the experience of combat operations, wars and armed conflicts of our time, military art (including NATO operational standards).
	LOmpt 14	Know the reconnaissance signs and vulnerabilities of enemy equipment (weapons); tactics of enemy units; basics of organising and conducting reconnaissance in various types of combat (including using UAVs).
	LOmpt 15	Know and understand the processes of comprehensive combat support activities for company units and attached units during combat employment and routine activities.
	LOmpt 16	Perform daily activities, maintain company housekeeping, ensure safe working conditions; organise classes in the main subjects of combat training.
	LOmpt 17	Demonstrate leadership qualities, creative and flexible thinking, perseverance, activity, sociability, stress resistance, self-control skills, ability to work in a team with representatives of other professional groups of different levels, taking into account different terminology, background knowledge and understanding of their colleagues regarding the tasks.
	LOmpt 18	To know the organisation of moral and psychological support and effective management of personnel; the basics of the company commander's work to identify and prevent combat mental trauma and disorders in soldiers.
	LOmpt 19	To be able to use methods of stress neutralisation and methods of emotional and volitional self-regulation; to master methods and technologies of work with personnel on the formation, maintenance and restoration of the moral and psychological state of servicemen.
Military Specialised Training (LOmst)	LOmst 10	Demonstrate knowledge and understanding of modern armed struggle, general military combat, and command company units in the main types of combat using small arms and combat vehicles.
	LOmst 11	Effectively use combat capabilities, various forms and methods of tactics of company units in the main types of combat (tactical actions).
	LOmst 12	Apply knowledge of combat properties, principles of operation of weapons (including NATO countries) in preparation for their use, rules of fire, provisions of governing documents, methods of organising and conducting training for company unit personnel.
	LOmst 13	Apply knowledge and understanding of the processes of training and combat activities of the unit in the performance of functional duties, use training facilities and objects of the training material and technical base in the course of daily activities during the preparation and conduct of combat operations.
	LOmst 14	Develop company planning and reporting documents, ensure compliance with safety measures during classes, training, exercises on the main subjects of combat training.
	LOmst 15	Use appropriate software, be able to analyse and display the results of calculations relevant to the assessment of the situation and/or effectiveness of combat use

	<p>LOmst 16 To know the basics of tactics of artillery units, their role, place and tasks in a general battle; the procedure for organising interaction with an artillery unit as a means of strengthening a company tactical group, during the defeat of the enemy in the main types of combat; to adjust artillery fire.</p> <p>LOmst 17 Effectively operate and maintain military equipment of the unit (including foreign models), keep records and timely write-off of material and technical means</p> <p>LOmst 18 Apply NATO Standard Operating Procedures for Planning (MDMP), as part of the battalion headquarters, organise the interaction of regular and attached units.</p> <p>LOmst 19 Possess sufficient knowledge, methods and technologies in the field of military management to solve complex professional problems.</p>
8 - Resource support for programme implementation	
Staffing Provision	<p>Academic staff involved in the educational programme are full-time employees of the Military Academy, some of them have academic degrees and academic titles.</p> <p>The practice-oriented nature of the educational programme involves the wide participation of practitioners who are relevant to the programme, which enhances the synergy between theoretical and practical training.</p> <p>The head and members of the working group on the development of the programme, as well as the teaching staff that ensures the implementation of the educational programme meet the requirements set by the Ministry of Defence of Ukraine.</p>
Material and Technical Support	<p>The material and technical base of the Military Academy (Odesa) and the Centre for Support of the Educational Process of the Military Academy is used to implement the competences and learning outcomes specified in the educational programme. The material and technical support meets the requirements for the provision of educational services and is sufficient to ensure the quality of the educational process, in particular: classrooms; computer classes (laboratories); specialised laboratories; gyms, sports grounds; library, reading room; multimedia equipment; premises for research and teaching staff; barracks premises; dining room, etc.</p>
Information and Educational-Methodological Support	<p>Teaching and learning materials are developed in accordance with the current regulatory and legislative documents of the Ministry of Education and Science of Ukraine and orders of the Ministry of Defence of Ukraine, and consist of the following materials:</p> <ul style="list-style-type: none"> instructional and methodological materials for practical classes; teaching materials for all types of training sessions; methodological guidelines for organising independent work; diagnostic tools. <p>The library fund is used in teaching, including teaching materials, educational and methodological developments of teaching staff.</p> <p>The programme is implemented using the virtual learning environment of the Military Academy (Odesa), author's developments, textbooks and manuals, and other teaching and learning materials.</p> <p>The official website of the Academy (http://vaodesa.mil.gov.ua/) contains information on educational, scientific and educational activities, structural units, admission rules, contacts, and users have the opportunity to use all available library resources. There is technological and material and technical support for the educational process.</p>

2. THE LIST OF COMPONENTS OF THE EDUCATIONAL PROGRAMME OF THE PROFESSIONAL MILITARY EDUCATION COURSE AND THE ALIGNMENT OF PROGRAMME COMPETENCIES AND LEARNING OUTCOMES WITH THE COMPONENTS OF THE EDUCATIONAL PROGRAMME

2.1. The list of components of the educational programme (EP)

Code n/disc.	Components of the educational programme (academic disciplines/modules)	Quantity loans	The form of the final control
Module 1. "Combat employment, command and control of a company (battery or equivalent units) in combat operations "		15,5	
MP 1	Tactics	9,0	
MP 2	Firearms and Weapons Training	1,5	
MP 3	Fundamentals of Artillery Employment	1,0	
MP 4	Reconnaissance Training	1,5	
MP 5	Operation of Armoured Vehicles	1,0	
MP 6	Organisation of Comprehensive Support for Units	1,5	
Module 2. "Leadership and Routine Activities"		3,5	
MP 7	Leadership	1,5	
MP 8	Routine Activities	1,0	
MP 9	Organisation of Moral and Psychological Support	1,0	
Module 3. "The operations of the battalion (division and equivalent) headquarters in planning and conducting combat operations according to MDMP procedures"		0,5	
MP10	Military decision-making process (MDMP)	0,5	
Comprehensive exam		0,5	Comprehensive exam
Total credits for the programme		20,0	

2.2 Alignment of Programme Competencies with Components of the Educational Programme

	MP 1	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7	MP 8	MP 9	MP 10
MPC -13	+									
MPC -14				+						
MPC -15		+			+	+				
MPC -16							+			
MPC -17									+	
MPC -6	+									
MPC -7		+								
MPC -8	+							+		
MPC -9			+							
MPC -10					+					
MPC -11										+
MPC -12	+					+				

2.3 Alignment of Learning Outcomes with Components of the Educational Programme

	MP 1	MP 2	MP 3	MP 4	MP 5	MP 6	MP 7	MP 8	MP 9	MP 10
LOmpt 13	+									
LOmpt 14				+						
LOmpt 15						+				
LOmpt 16								+		
LOmpt 17							+			
LOmpt 18									+	
LOmpt 19									+	
LOmst 10	+									
LOmst 11	+									
LOmst 12		+								
LOmst 13		+			+					
LOmst 14								+		
LOmst 15			+							
LOmst 16			+							
LOmst 17					+					
LOmst 18										+
LOmst 19								+		+

3. DISTRIBUTION OF THE EDUCATIONAL PROGRAMME COMPONENTS

№	Discipline Code	NAME OF THE ACADEMIC DISCIPLINE (MODULE)	Semester Distribution		ECTS Credits	Number of Hours					Assessment Activities	Independent Work	
			Exams	Differentiated credit		Total Workload	Classroom Hours			Assessment Activities			Independent Work
							Total	including					
								Lectures	Group sessions, Seminars				
1	2	3	4	5	6	7	8	9	10	11	12	13	
Module 1: " Combat employment, command and control of a company (battery or equivalent units) in combat operations "													
1	MP 1	Tactics			9,0	270	212	12	154	46		58	
2	MP 2	Firearms and Weapons Training			1,5	45	40		12	28		5	
3	MP 3	Fundamentals of Artillery Employment			1,0	30	26	2	12	12		4	
4	MP 4	Reconnaissance Training			1,5	45	34	2	20	12		11	
5	MP 5	Operation of Armoured Vehicles			1,0	30	22		6	16		8	
6	MP 6	Organisation of Comprehensive Support for Units			1,5	45	34	4	14	16		11	
That's it:					15,5	465	368	20	218	130		97	
Module 2: "Leadership and routine activities "													
7	MP 7	Leadership			1,5	45	34	2	32			11	
8	MP 8	Routine Activities			1,0	30	24	4	16	4		6	
9	MP 9	Organisation of Moral and Psychological Support			1,0	30	24	2	10	12		6	
That's it:					3,5	105	82	8	58	16		23	
Module 3: "The work of the battalion (division and equivalent) headquarters in planning and conducting combat operations according to MDMP procedures"													
10	MP 10	Military decision-making process (MDMP)			0,5	15	12		12			3	
That's it:					0,5	15	12		12			3	
Comprehensive exam					0,5	15					6	9	
Total credits for the programme					20,0	600	462	28	288	146	6	132	

4. PROGRAMMES OF THE EDUCATIONAL PROGRAMME COMPONENTS

MODULE 1: " COMBAT EMPLOYMENT, COMMAND AND CONTROL OF A COMPANY (BATTERY OR EQUIVALENT UNITS) IN COMBAT OPERATIONS"

MP 1 TACTICS

component name

The general objective of the educational programme component:

The purpose of studying the discipline "Tactics" is to prepare an airborne assault company commander who is confident in his knowledge of the Articles of War (other guiding documents based on the experience of using troops), is able to creatively apply their provisions to comprehensively prepare the company for the main types of combat (tactical actions) and skilfully manage the actions of the company with reinforcement forces and means in a modern combined arms battle.

As a result of studying the discipline, students should:

to know:

- the main forms of tactical actions of units and their types; the role, place and tasks of units in a combined arms battle;
- the basic principles and methods of conducting general combat;
- the content of the company (battalion) preparation for actions, the algorithm (sequence) of the company (battalion) commander's work on the organisation of combat, including the organisation of interaction and comprehensive support;
- organisational and staffing structure of the company (battalion), combat and comprehensive support units;
- tactical and technical characteristics of weapons and military equipment (WME) of regular and attached units, the procedure for their use in combat;
- company (battalion) communications equipment, its tactical and technical characteristics and the procedure for using it;
- the content of unit management and requirements for it, the procedure (methods) for managing units in combat, the procedure for reporting the situation and command signals;
- the procedure for managing the tactical actions of a company (battalion) and attached units during combat;
- types of manoeuvre by units and company (battalion) fire and the order of their organisation during combat;
- the basics of combat, logistics, technical, moral, psychological and medical support of the company (battalion) and the procedure for their organisation during combat;
- the basics of locating units on site and organising their security;
- basics of movement of units, their marching security and organisation of transportation;
- the basics of unit defence, defence of a settlement (building), company (battalion) actions in encirclement and escape from encirclement, the procedure for withdrawal from combat and retreat;
- basics of offensive combat of units, offensive in a settlement;

the basics of unit actions during assault operations.

be able to:

make decisions in a timely manner, set tasks, persistently pursue their implementation and report to the senior commander on the completion of the task in a timely manner;

skilfully use company firepower and the results of enemy fire damage;

prepare the company and attached units for action;

skilfully manage staff and attached units in the performance of assigned tasks;

call for and adjust artillery and aviation fire;

timely arrange maintenance of weapons and equipment, and in case of damage, report to the senior commander and arrange for repair;

skilfully use communication equipment and train their subordinates to work with it, including the use of negotiation tables, coded cards and pre-set signals;

monitor the consumption of ammunition, fuel, food and water, timely report to his commander on the use of 0.5 and 0.75 of the carried (transported) ammunition and fuel, and take measures to replenish them;

ensure that the equipment of NCOs and soldiers is maintained and used correctly;

to organise moral, psychological and medical support, take measures for the timely shelter of wounded (those who have suffered severe combat and psychological trauma) servicemen and keep their records;

skilfully apply the basic forms of tactical actions of units and their types;

operate on the battlefield as part of a regular unit in the main types of combat;

to organise and maintain interaction with units (forces and means of reinforcement) of the battalion tactical group in a modern combined arms battle;

to manage units of the military services and special forces in a general combat, and to organise interaction with them.

Organisational and methodological guidelines:

Classes in the discipline "Tactics" are conducted as part of a training platoon in group, practical, and independent classes. Classes are held in equipped classrooms and tactical field areas. Prior to the practical training, it is mandatory to study (perfect) safety measures and clarify them before the start of the training. Personnel arrive for practical training in full field equipment with small arms.

In group classes, students receive theoretical knowledge on the use of a company in tactical operations, while in practical classes, students practise company operations. The main focus is on the students' performance of practical tasks of the role of a Marine company commander. The knowledge and skills acquired are reinforced during independent training.

To improve the quality of practical training, military equipment, material support and simulation tools are used.

Features of the methodology for conducting classes:

in group classes: the most appropriate form of training is frontal (all students or a significant part of them, under the supervision of the teacher, perform the same task (act in a certain position) at the same time);

during group classes, a combination of methods is used - explanatory and lecture (presentation of new educational material, its discussion is organised, and then control of students' learning of this material is carried out by questioning to help consolidate it) and reproductive method (the main feature of which is

the reproduction and repetition of the method of activity on situational tasks of the teacher, including actual combat episodes based on the experience of war with the Russian Federation. In the course of implementing this method, students solve similar tactical tasks, fly missions, assess the situation, make decisions on a similar situation, set tasks for units, etc. The use of this method is the first step in the acquisition of skills and command skills by students).

during group exercises (on the ground):

problem-based learning is applied using research methodological techniques;

The essence of the research method is to organise the search, creative activity of students to solve new problems for them. For example, in group exercises and tactical exercises, a complex, non-standard situation is created, the terrain is unfamiliar, the enemy uses unexpected (new) methods of warfare or uses new weapons. Students are put in a situation where they are required to make an unconventional, original decision to fight, to use a new way of using weapons and military equipment, a new way of fighting to counter the enemy. Students must solve problematic tasks on their own, without the support of the instructor.

During the classes, use active forms of training, such as situational reenactments (at each class) of possible actions or actions that took place during the war with the Russian Federation.

To focus the attention of students on the functional responsibilities of company (battalion) officials during the preparation (organisation) and conduct of a general combat (tactical operations), as well as on the comprehensive support of combat (tactical) operations.

Group exercises contain an element of transition to practical actions with the division of the group into 2 subgroups. The first subgroup consists of students who work as unit commanders and commanders of attached units (tank, grenade launcher, anti-tank, anti-aircraft missile, reconnaissance, etc.). The second subgroup consists of students who perform tactical actions in positions in accordance with the organisational and staffing structure of the main combat unit and attached units. After practicing the issues assigned to the class, the groups are replaced. This type of training is designed to increase the complexity of organising and conducting combat by involving teams (students) from training groups of other specialisations (branches of the armed forces and special forces).

Logistics:

Classes will be held using the classroom facilities of the Department of Airborne Assault Forces and Marine Corps Operations Management - lecture and special classrooms equipped with terrain models, technical training aids, a virtual battlefield classroom (VBS), as well as the field (training ground) training base of the Centre for Educational Process Support of the Military Academy.

Information and methodological support:

1. Combat Regulations of the Mechanised and Tank Forces of the Land Forces of the Armed Forces of Ukraine. Part III. Platoon, section, crew: Command of the Land Forces of the Armed Forces of Ukraine. Kyiv - 2016.
2. Combat Regulations of the Mechanised and Tank Forces of the Land Forces of the Armed Forces of Ukraine. Part II. Battalion, company: Command of the Land Forces of the Armed Forces of Ukraine. Kyiv - 2016.
3. Provisional Combat Regulations of the Airborne Assault Forces of the Armed Forces of Ukraine, Part IV (platoon, squad) - Zhytomyr: The Air Assault Forces of the Armed Forces of Ukraine together with the Military Academy (Odesa), 2019. 255 p.
4. Provisional Combat Regulations of the Airborne Assault Forces of the Armed Forces of Ukraine, Part III (Company) - Zhytomyr: The Air Assault Forces of the Armed Forces of Ukraine together with the Military Academy (Odesa), 2019. 227 p.

5. Tactics of airborne assault, airmobile, parachute assault units (platoon). Study guide. - Odesa: Military Academy, 2018. - 243 p.
6. Thematic report. Peculiarities of conducting defence by airborne troops in strongholds (defence areas) in winter. Inv. 106 DSC of 05.03.2018.
7. Order of the Commander-in-Chief of the Armed Forces of Ukraine of 11.09.2020 No. 140 "On Approval of the Temporary Procedure for the Processing of Operational (Combat) Documents", -K.: General Staff of the Armed Forces of Ukraine, 2020.
8. Methodological Recommendations "Conducting Combat Operations at Night. Light Support." -Kyiv: Central Department of Military and Police Training and Development (CMPD) and Central Department of Military and Police Operations of the Armed Forces of Ukraine, 2015. - 188 p.
9. Guidelines for Action in Urban Areas - Zh.: Central Operations Centre and the Ministry of Defence of Ukraine together with the Main Training Department of the Armed Forces of Ukraine, 2019. - 248 p.
10. Information bulletin on the use of the latest weapons and new tactics based on the experience of the Joint Forces Operation and modern military conflicts. - Zhytomyr: Central Military and Logistics Command of the Armed Forces of Ukraine together with the Main Department of the Armed Forces of Ukraine, 2021. - 20 p.
11. Doctrine Airborne Assault Forces of the Armed Forces of Ukraine. VKP 3-03(17).01. -ZH.: Command of the Airborne Assault Forces of the Armed Forces of Ukraine, 2021, inv. 2405/dsk.
12. The small unit tactics smartbook, 2nd Rev. Handbook), 2nd Rev. Ed., 2015.
13. VP 7-(01).03.01. Guidelines for units to combat Iranian-made "kamikaze" unmanned aerial vehicles "Shahed-136" (Geranium-2), Command of the Land Forces of the Armed Forces of Ukraine, October 2022.
14. Materials on the peculiarities of the enemy's offensive (based on the experience of the JTF "North"), August 2012.
15. Experience and lessons learned in defensive operations by military units of the JFO "North" (materials processed based on information provided by military units of the JFO "North"), September 2022.
16. Methodological Recommendations on the Use of Troops (Forces) (to be taken into account when acquiring capabilities by troops (forces) to perform assigned tasks) - K.: General Staff of the Armed Forces of Ukraine. PART I.
17. Tactical actions of units of the Highly Mobile Airborne Troops of the Armed Forces of Ukraine (company). Study guide. -Ukraine: Military Academy, 2015. - 203 p.
18. Tactical and Technical Characteristics of WME Samples and Tactics of Staff Units' Actions on Them (to be taken into account when acquiring capabilities by troops (forces) to perform assigned tasks) - K.: General Staff of the Armed Forces of Ukraine. PART I.
19. Methodological materials. Defence in a city (settlement). Land Forces Command, April 2023.
20. Newsletter. The enemy's book. A collection of recommendations to the participants of the Summit. May 2023.
21. Combat tactics in examples, airborne assault platoon (company). Materials of the Air Assault Troops Conference, February 2024.

Titles of topics and distribution of study time by type of study session

№ s/n	Types of training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
1	2	3	4	5	6
		28	22	6	Topic 1: Fundamentals of unit employment in combat operations
1	Lecture	3	2		<p>Lesson 1: Fundamentals of employment an air assault company (battalion) in modern conditions. Functional duties of company command officials in combat.</p> <p>1. General provisions for the use of a company (battalion) in modern conditions. 2. Organisational and staffing structure of weapons and combat equipment of the company (battalion). 3. Functional duties of company command officials in combat.</p>
				1	<p>1. Take notes in workbooks and study the organisational structure and tactical and technical characteristics of weapons and military equipment of an airborne assault company (battalion). 2. Learn the functional responsibilities of company officers in combat.</p>
2	Group session	6	4		<p>Lesson 2: Preparing an air assault company for combat.</p> <p>1. The sequence and content of the company commander's work in preparing for combat, according to the troop leading procedures (TLP).</p>
				2	<p>Outline the sequence and content of the company commander's work in preparing for combat, according to the troop leading procedures (TLP).</p>
3	Group session	3	2		<p>Lesson 3: Basic abbreviations and tactical symbols used in combat documents.</p> <p>1. The main tactical symbols in accordance with the Order of the Commander-in-Chief of the Armed Forces of Ukraine No. 140 of 11.09.2020 "On Approval of the Temporary Procedure for the Preparation of Operational (Combat) Documents", which are used in graphic combat documents.</p>
				1	<p>1. Make notes and record in the reference section of the workbooks the main abbreviations and symbols used in the combat documents of the Land Forces.</p>
4	Group session	2	2		<p>Lesson 4. Combat capabilities of an airborne assault company (battalion) to fight in the main types of combat.</p> <p>1. General provisions. 2. Company (battalion) capabilities to combat enemy armoured vehicles. 3. Company (battalion) capabilities to destroy enemy manpower. 4. Manoeuvre capabilities of the company (battalion).</p>
5	Group session	3	2		<p>Lesson 5. Comprehensive combat support.</p> <p>1. Combat support. 2. Moral and psychological support. 3. Technical support. 4. Logistics support. 5. Medical support.</p>

				1	1. Take notes in your workbooks and study the main provisions of the comprehensive framework.
1	2	3	4	5	6
6	Group session	2	2		Lesson 6. Company Command Post (Battalion Observation and Command Post) 1. Peculiarities of company (battalion) command and control in different types of combat (actions). 2. The place of the company's Co CP (Bn OCP) in different types of combat: - composition; - the place of deployment of the Co CP (OCP) in various types of combat (actions); - the procedure for equipping the Co CP (OCP); - the procedure for moving; - Duty at the control room Co CP (OCP) - organisation of monitoring and control. 3. 3. Combat documents developed and maintained at the Co CP (OCP)
7	Group session	2	2		Lesson 7. Conducting aerial reconnaissance. 1. Purpose, tasks, composition of a mobile reconnaissance complex (MRC). 2. The procedure for the use of a mobile reconnaissance complex.
8	Practical session	4	4		Lesson 8. Practical work on calculating the reconnaissance complex. 1. Conducting reconnaissance. 2. Fire damage to the enemy by the air defence system. 3. Correcting the fire of firearms. 4. Decryption of Reconnaissance assets.
9	Groups. session	3	2		Lesson 9. Fundamentals of aviation application. 1. General provisions. 2. Peculiarities of aviation control, interaction with aviation units, guidance and targeting of helicopter crews at ground targets.
				1	To learn how to interact with aviation units, to guide and target helicopter crews at ground targets.
		30	26	4	Topic 2. Movement of units.
10	Lecture	3	2		Lesson 1: March of an air assault company (battalion). 1. General provisions. 2. Peculiarities of the work of the company (battalion) commander in organising the march. 3. Making a march based on the experience of the Russian-Ukrainian war.
				1	1. To study the general provisions on the march and the peculiarities of the work of the company (battalion) commander in organising the march. 2. Draw the following diagram in your workbooks: "Areas and borders to be assigned on the march".
11	Group session	3	2		Lesson 2: Field security. 1. 1. The marching guard on the march. 2. Peculiarities of the work of the airborne assault company commander in organising actions as a main outpost. 3. Actions of the General Staff on the march.
				1	1. Take notes and study the materials of the group lesson. 2. Draw the following diagrams in the workbooks: "Company tasks in marching guard" and "Actions of the main marching outpost in case of ambush".
12	Practical session	4	4		Lesson 3. Methods of conducting tactical calculations of the march of an airborne assault company (battalion). 1. Practical calculation of a company (battalion) march.
13	Practical session	4	4		Lesson 4. Methodology for calculating the transportation of a battalion (company). 1. Practical calculation of company transportation by rail.
14	Control lesson	2	2		Lesson 5. Test lesson on topic 2.

COMPLEX TACTICAL TASK					
<i>An airborne assault company as the main marching outpost on the march</i>					
15	Preparing for a group exercise	2		2	<i>Independent work.</i> 1. Study the tactical task for the company's actions as the main outpost. 2. Prepare a working map of the company commander, draw the initial situation.
16	Group exercise	6	6		Lesson 6. The sequence and content of the company commander's work on preparing for the march. 1. Analyse the task, assess the situation, and calculate the time. 2. Giving a preliminary combat order (instructions for preparing for the march). 3. Formulation of a decision on actions in the main outpost and its execution on the working map. Report the decision to the battalion commander. 4. Giving a combat order. 5. Organisation of interaction, management and comprehensive support.
17	Practical session	2	2		Lesson 7. Training in the management of a unit on a terrain model while performing tasks on the march. 1. Drawing of the march. 2. Solving situational tasks during the march. 3. Rehearsing the company's command scheme during the march.
18	Group exercise	4	4		Lesson 8. Management of company actions during the march as the main outpost. 1. Control of company actions with the start of movement - start of movement. 2. Management of company actions in case of ambush. 3. Management of company actions when detecting a mined section of the route. 4. Management of company actions during the withdrawal from enemy artillery fire (air strike).
		26	22	4	Topic 3. Location on site.
19	Lecture	3	2		Lesson 1: Peculiarities of the location of an air assault company (battalion) in modern conditions. 1. General provisions. 2. Peculiarities of the company commander's work on organising the location on the ground. 3. On-site deployment based on the experience of the Russian-Ukrainian war.
				1	
20	Group session	3	2		Lesson 2: Air Assault Company in the sentry guard. 1. Peculiarities of using a company as a guard detachment (outpost). 2. Peculiarities of the commander's work in organising actions in the role of a guard detachment. 3. Actions of a guard detachment (outpost) based on the experience of the Russian-Ukrainian war.
				1	
21	Control lesson	2	2		Lesson 3: Review session on topic 3.
COMPLEX TACTICAL TASK					
<i>Location of a reinforced air assault company in place in a designated area (forested steppe)</i>					
22	Preparing for a group exercise	2		2	<i>Independent work.</i> 1. Study the tactical task for the location of the reinforced company in the designated area.

					2. Prepare a working map of the company commander, draw the initial situation.
23	Group exercise	6	6		Lesson 4. Sequence and content of the company commander's work in preparation for deployment to the area. 1. Analyse the task, assess the situation, and calculate the time. 2. Issuing a preliminary combat order (instructions for preparing for deployment). 3. Developing a plan. 4. 4. Conducting a reconnaissance. 5. Formulate a decision to locate on the ground in a designated area and draw it on a working map. Report the decision to the battalion commander. 6. Issuing a combat order. 7. Organisation of interaction, management and comprehensive support.
24	Practical session	2	2		Lesson 5. Training in the mapping of the unit's location. 1. Develop a map of the company (battalion) area.
25	Practical session	2	2		Lesson 6: Unit and fire control training on a mock-up terrain while in situ. 1. Drawing actions in the location area. 2. Solving situational problems while on site. 3. Practice the company's command and control scheme while on the ground.
26	Groups. exercise	4	4		Lesson 7. Managing an enhanced air assault company while in place. 1. The company's occupation of a specific area: - company occupation of a certain area; - organisation of surveillance and security of the location. - selecting the location of the OCP and determining the positions of company management officials. 2. Manage company actions while on the ground: - during an attempt by unauthorised persons to enter the location; - during the detection of an airborne enemy, artillery shelling of the location; - during an attack by an enemy sabotage and reconnaissance group.
27	Group exercise	2	2		Lesson 8. Command and control of a reinforced air assault company while deployed at night 1. The company's occupation of a specific area: - company occupation of a certain area; - organisation of surveillance and security of the location. - selecting the location of the OCP and determining the positions of company management officials. 2. Manage company actions while on the ground: - during the detection of an airborne enemy, artillery shelling of the location; - during an attack by an enemy sabotage and reconnaissance group. 3. Leaving the area as part of the company.
		62	50	12	Topic 4. Defensive combat.
28	Lecture	3	2		Lesson 1: Airborne assault company (battalion) in defensive combat. 1. General provisions. The role and place of the company in defensive combat. 2. The sequence and content of the company commander's work on organising defensive combat in accordance with the troop leading procedures (TLP). 3. Defensive combat by a company (battalion) based on the experience of the Russian-Ukrainian war.
				1	1. Take notes and study the lecture materials.

				2. Draw the proposed diagram "The role and place of a company in a defensive battle" in the workbooks.
29	Group session	5	4	<p>Lesson 2: Building the defence of an air assault company (battalion).</p> <p>1. Building a company (battalion) defence:</p> <ul style="list-style-type: none"> - combat order; - control system; - a system of strongholds and firing positions; - a system of comprehensive support; - fire system; - anti-tank defence system; - system of engineering barriers; - elements of the air defence system. <p>2. Conditions for achieving sustainability and activity of the company's defensive battle, taking into account the experience of the Russian-Ukrainian war:</p> <ul style="list-style-type: none"> - organisation of an effective fire system; - organising and conducting effective reconnaissance, countering enemy assault operations; - actions in close combat with enemy units in trenches (trenches).
			1	1. Take notes and study the class materials.
30	Group session	4	2	<p>Lesson 3: Peculiarities of preparing and conducting manoeuvre defence by an air assault company (battalion).</p> <p>1. Features of building a manoeuvrable defence.</p> <p>2. Features of the work of the company commander in organising manoeuvre defence.</p> <p>3. Conducting manoeuvre defence by a company (battalion).</p>
			2	To study the peculiarities of preparing and conducting manoeuvre defence by an air assault company (battalion).
31	Group session	6	2	<p>Lesson 4. An air assault company (battalion) in defensive combat in special conditions.</p> <p>1. Preparation and conduct of defensive combat at night.</p> <p>2. Preparing and conducting a defensive battle on a water obstacle.</p> <p>3. Preparing and conducting a defensive battle in a settlement.</p> <p>4. Preparing and conducting a defensive battle in the forest.</p> <p>5. Preparing and conducting a defensive battle in the steppe.</p>
			4	<p>1. Take notes and study the materials of the group lesson.</p> <p>2. Draw in the workbooks the proposed schemes "Light support of a company in a defensive battle", "Company actions during a defensive battle in a forested area", "Company actions during a defensive battle in a steppe area".</p> <p>3. Prepare for the seminar.</p>
32	Seminar	4	4	<p>Lesson 5. Seminar on the topic: "Defensive combat".</p> <p>1. Peculiarities of building company defence on a wide front.</p> <p>2. Withdrawal from combat and company withdrawal during defensive combat.</p> <p>3. Company defensive combat in an encirclement.</p> <p>4. Procedure for fighting and actions of personnel in the event of the appearance of enemy UAVs (strike UAVs).</p>
33	Control lesson	2	2	Lesson 6. Test lesson on topic 4.
COMPLEX TACTICAL TASK				
<i>Transition of an airborne assault company to defence in the absence of a collision with the enemy (forested and steppe terrain)</i>				
34	Preparing for a group exercise	2	2	<p><i>Independent work.</i></p> <p>1. Study the tactical task for the company's transition to defence in the absence of a collision with the enemy.</p> <p>2. Prepare a working map of the company commander, draw the initial situation.</p>

35	Group exercise	4	4		<p>Lesson 6. The sequence and content of the company commander's work on preparing for defence in the absence of a clash with the enemy.</p> <ol style="list-style-type: none"> Analyse the task, assess the situation, and calculate the time. Giving a preliminary combat order (instructions for preparing for a defensive battle). Developing a plan.
36	Group exercise	4	4		<p>Lesson 7. Company's transition to defence in the absence of contact with the enemy. Reconnaissance. Giving a combat order. Organisation of interaction, management and comprehensive support.</p> <ol style="list-style-type: none"> Reconnaissance. Giving a combat order. Organisation of interaction, management and comprehensive support.
37	Practical session	2	2		<p>Lesson 8. Training in the development of the company strongpoint (CSP) scheme and in the formulation of combat tasks.</p> <ol style="list-style-type: none"> Making a decision to defend (N-Tk-2). Setting combat tasks for subordinate commanders (N-Tk-5). Occupation of the company stronghold. Rehearsal of the company stronghold scheme.
38	Practical session	2	2		<p>Lesson 9: Training in unit and fire control on a mock terrain during a defensive battle.</p> <ol style="list-style-type: none"> Drawing a defensive battle. Solving situational tasks in defensive combat: use of the 2nd echelon; <ul style="list-style-type: none"> use of an armoured group use of a fire ambush; use of the reserve; counterattack. Develop a company command scheme in defensive combat.
39	Group exercise	4	4		<p>Lesson 10. Controlling the actions of an air assault company in a defensive battle.</p> <ol style="list-style-type: none"> Management of company actions before the start of combat: <ul style="list-style-type: none"> organisation of surveillance and combat protection; conducting combat distribution. selecting the location of the OCP and determining the positions of company management officials. Management of company actions in defensive combat during: <ul style="list-style-type: none"> destruction of small enemy groups (reconnaissance); defeat an enemy deploying and attacking the CSP; Engagement of enemy forces attempting to penetrate or bypass the company strongpoint (CSP).; resumption of defence after repelling an attack and participation in a counterattack.
40	Group exercise	2	2		<p>Lesson 11. Controlling the actions of an air assault company in a defensive battle at night.</p> <ol style="list-style-type: none"> Organisation of lighting support for defensive combat at night. Management of company actions in defensive combat during: <ul style="list-style-type: none"> Destruction of small groups of the enemy; defeat of the enemy attacking the CSP.
<p>COMPLEX TACTICAL TASK</p> <p><i>Transition of a reinforced air assault company to defence in direct contact with the enemy (urbanised area)</i></p>					
41	Preparing for a group exercise	2		2	<p><i>Independent work.</i></p> <ol style="list-style-type: none"> Understand the task and assess the situation. Preparation of the working map, drawing the initial situation.

42	Group exercise	4	4		Analysing the task, assessing the situation, giving a preliminary combat order. 1. Analyse the task, assess the situation, and calculate the time. 2. Giving a preliminary combat order (instructions for preparing for a defensive battle). 3. Developing a plan for defensive combat.
43	Group exercise	2	2		Lesson 13. Completing the formulation of the decision. Report the decision to the battalion commander. 1. Finalise the decision and draw up the decision on a working card. 2. Report the decision to the battalion commander.
44	Group exercise	4	4		Lesson 14. Conducting a reconnaissance. Giving a combat order, organising interaction and the system of fire, command and control, and comprehensive combat support. 1. Conducting a reconnaissance. 2. Giving a combat order. 3. Organisation of interaction and the system of fire, command and control and comprehensive combat support. 4. Drawing up a diagram of the stronghold.
45	Practical session	2	2		Lesson 15: Training in unit and fire control on a terrain mock-up while performing tasks in a defensive battle in direct contact with the enemy in a populated area. 1. Drawing a defensive battle. Capture of buildings (favourable positions) by the company. Organisation of observation. Establishment of a combat order, fire system, and engineering equipment of the stronghold. 2. Issuing instructions for interaction, control and comprehensive support of combat. 3. Solving situational tasks in defensive combat.
46	Group exercise	4	4		Lesson 16. Management of a reinforced company during defence in direct contact with the enemy in a settlement. 1. Capture of buildings (advantageous positions) by the company. - setting combat tasks and organising surveillance; - creation of a combat order, fire system, and engineering equipment for the stronghold; - selecting the location of the OCP and determining the positions of company management officials. 2. Management of company actions in defensive combat during: - Destruction of the enemy on the approaches to the company strongpoint (CSP).; - defeat the enemy trying to capture the building; - Restoration of the defence after repelling an attack on the company strongpoint (CSP).
		72	60	12	Topic 5. Offensive combat.
47	Lecture	3	2		Lesson 1: An airborne assault company (battalion) in an offensive battle. 1. General provisions. The role and place of the company in offensive combat. 2. Sequence and content of the company commander's work on organising an offensive battle in accordance with the troop leading procedures (TLP) 3. Conducting an offensive battle by a company (battalion) based on the experience of the Russian-Ukrainian war.
				1	
48	Group session	4	2		Lesson 2: An air assault company (battalion) in offensive combat in special conditions 1. Preparing and conducting offensive combat at night. 2. Preparation and conduct of offensive combat in a settlement. 3. Preparing and conducting an offensive battle in the forest, steppe.

			2	<ol style="list-style-type: none"> 1. Take notes and study the materials of the group lesson. 2. Draw in the workbooks the proposed diagrams "Light support for a company in an offensive battle", "Company actions during an offensive battle in the forest", "Company actions during an offensive battle in the steppe".
49	Group session	3	2	<p>Lesson 3: Forcing a company (battalion) through a water barrier.</p> <ol style="list-style-type: none"> 1. General provisions. 2. Peculiarities of organising the forcing of a water obstacle by a company commander. 3. Forcing a company through a water barrier in an offensive battle.
			1	<ol style="list-style-type: none"> 1. Take notes and study the materials of the group lesson. 2. Draw in the workbooks the following diagram: "Company actions during the forcing of a water obstacle".
50	Group session	4	2	<p>Lesson 4. An airborne assault company breaking out of an encirclement.</p> <ol style="list-style-type: none"> 1. General provisions. 2. Specifics of the company commander's work on organising the escape from the encirclement. 3. Implementing a way out of the encirclement based on the experience of the Russian-Ukrainian war.
			2	<ol style="list-style-type: none"> 1. Take notes and study the materials of the group lesson. 2. Draw in the workbooks the following diagram: "Company actions in combat with the escape from encirclement". 3. Prepare for the seminar.
51	Seminar	4	4	<p>Lesson 5. Seminar on the topic: "Offensive combat"</p> <ol style="list-style-type: none"> 1. Peculiarities of organising and conducting an offensive battle by a company in a city. 2. Peculiarities of organising and conducting an offensive battle by a company at night. 3. Peculiarities of organising and conducting an offensive battle by a company in the mountains.
52	Control lesson	2	2	Lesson 6. Test lesson on topic 5.
<p>COMPLEX TACTICAL TASK</p> <p><i>An airborne assault company in the offensive during a breakthrough of enemy defences (forested steppe terrain)</i></p>				
53	Preparing for a group exercise	2	2	<p><i>Independent work.</i></p> <ol style="list-style-type: none"> 1. Study the tactical task for the company's transition to the offensive during the breakthrough of a prepared enemy defence area. 2. Prepare a working map of the company commander, draw the initial situation.
54	Group exercise	4	4	<p>Lesson 7. Sequence and content of the company commander's work on preparing for the offensive during the breakthrough of enemy defences.</p> <ol style="list-style-type: none"> 1. Analyse the task, assess the situation, and calculate the time. 2. Giving a preliminary combat order (instructions for preparing for an offensive battle). 3. Developing a plan.
55	Group exercise	2	2	<p>Lesson 8. Completing the formulation of the decision. Report the decision to the battalion commander.</p> <ol style="list-style-type: none"> 1. Finalise the decision and draw up the decision on a working card. 2. Report the decision to the battalion commander.
56	Group exercise	4	4	<p>Lesson 9. Company on the offensive during the breakthrough of enemy defence. Reconnaissance. Giving a combat order. Organisation of interaction, management and comprehensive support.</p> <ol style="list-style-type: none"> 1. Reconnaissance 2. Issuing a combat order. 3. Organisation of interaction, management and comprehensive support.
57	Practical session	2	2	Lesson 10. Training in unit and fire control on a terrain mock-up while performing tasks in offensive combat.

					1. Solving situational tasks in offensive combat. 2. Developing a company command scheme in offensive combat.
58	Group exercise	6	4		Lesson 11. Management of company actions in offensive combat during the breakthrough of enemy defences. 1. Manage actions during the advance to the line of attack: - selecting the location of the OCP and determining the positions of company management officials; - actions in case of detection of a mined section of the route and during artillery fire. 2. Management of company actions during the attack of the enemy's front line: - attacking the front line of the enemy's defence; - the procedure for overcoming the enemy's IEDs and capturing the enemy's stronghold; - clearing enemy trenches; - fighting in the depths of a stronghold, pursuing the enemy.
				2	1. Study the tactical task. 2. Prepare a working map of the company commander, draw the initial situation.
59	Group exercise	4	4		Lesson 12. The sequence and content of the company commander's work on preparing for actions in the reserve (in the second echelon during assault operations in the forest belt (landing)). 1. Analyse the task, assess the situation, and calculate the time. 2. Giving a preliminary combat order (instructions for preparing for an offensive battle). 3. Developing a plan.
60	Group exercise	4	4		Lesson 13. Company on the offensive in the reserve (in the second echelon during assault operations in the forest belt (landing)). 1. Reconnaissance. 2. Issuing a combat order. 3. Organisation of interaction, management and comprehensive support.
61	Group exercise	4	4		Lesson 14. Controlling the actions of an airborne assault company in an offensive battle in reserve (in the second echelon during assault operations in a forest belt (landing)). 1. Management of a company operating in reserve: - advancement to the line of engagement; - entering the battle from line 1 (first option), entering the battle from line 2 (second option); - performing tasks that arise unexpectedly. 2. Management of a company acting in the second echelon during assault operations in a forest belt (landing): - the company's immediate task; - continuation of the offensive in a certain direction; - company's transition to defence at a certain line.
62	Group exercise	2	2		Lesson 15. Controlling the actions of an air assault company in an offensive battle at night. 1. Organisation of light support for offensive combat at night. 2. Management of company actions in offensive combat during: - moving to the line of attack; - attacking the front line of the enemy's defence; - fighting in the depths of the enemy's stronghold.
COMPLEX TACTICAL TASK <i>Transition of a reinforced air assault company to the offensive in direct contact with the enemy (urbanised area)</i>					

63	Preparing for a group exercise	2		2	<i>Independent work.</i> 1. Understand the task and assess the situation. 2. Preparation of the working map, drawing the initial situation.
64	Group exercise	4	4		Lesson 16. Analysing the task, assessing the situation, giving a preliminary combat order, developing a plan. 1. Analyse the task, assess the situation, and calculate the time. 2. Giving a preliminary combat order (instructions for preparing for an offensive battle). 3. Developing a plan for an offensive in direct contact with the enemy in an urbanised area.
65	Group exercise	2	2		Lesson 17. Preparation of the company commander's working card and decision-making, presentation of the decision to the battalion commander. 1. Draw up a solution on a working card. 2. Report the decision to the battalion commander.
66	Group exercise	4	4		Lesson 18. Conducting a reconnaissance. Giving a combat order, organising interaction, comprehensive combat support and command and control. 1. Conducting a reconnaissance. 2. Giving a combat order. 3. Organisation of interaction, comprehensive combat support and command and control.
67	Practical session	2	2		Lesson 19: Training in unit and fire control on a terrain mock-up during offensive combat. 1. Drawing an offensive battle. 2. Solving situational tasks in offensive combat.
68	Group exercise	4	4		Lesson 20. Management of an enhanced air assault company during an offensive in direct contact with the enemy in a populated area. 1. Managing company actions during regrouping: - taking up a starting position for the offensive; - selecting the location of the OCP and determining the positions of company management officials; 2. Managing company actions during: - Destruction of long-term firing positions and important structures in the enemy's first echelon strongholds; - destruction of the enemy's fortified structures in the depths of its first position.
		34	26	8	Topic 6. Methods of conducting combat training classes.
69	Lecture	4	2		Lesson 1: General provisions on the organisation of combat training. 1. Basic forms and methods of individual and collective training of military personnel and units. 2. Methods of working out documents for conducting classes according to training standards. 3. Training material and technical base for combat training.
				2	1. Prepare for the seminar on the topic: "Methods of conducting classes on combat training subjects".
70	Seminar	6	6		Lesson 2. Methods of conducting classes on combat training subjects. 1. Methods of conducting engineering training classes. 2. Methods of conducting Reconnaissance training classes. 3. Methods of conducting military topography classes. 4. Methods of conducting psychological training classes. 5. Methods of conducting physical training classes.
71	Group session	2	2		Lesson 3: Organisation and methodology of tactical formation training with an air assault company. 1. Procedure for preparing a tactical drill with a company.

					2. Methods of conducting a tactical drill with a company.
72	Group session	2	2		Lesson 4. Organisation and methods of conducting a tactical exercise with an airborne assault company. 1. The procedure for preparing a tactical exercise with a company. 2. Methods of conducting a tactical exercise with a company.
73	Group session	5	2		Lesson 5. Organisation and methodology of platoon combat firing. 1. Procedure for preparing platoon firing. 2. Methods of developing a combat firing plan. 3. Methods of conducting platoon firing.
				3	
74	Practical session	9	6		Lesson 6. Practice of conducting a tactical drill with a company on the topic "Company's transition to defence in the absence of a collision with the enemy". 1. Access to the area of concentration. 2. Conducting a reconnaissance. 3. Occupation of the stronghold of H-T-1 Company. 4. Clarification of tasks on the ground. 5. Drawing up a diagram of the H-T-3 reference point.
				3	
75	Practical session	6	6		Lesson 7. Practice conducting a tactical exercise with a platoon on the following topic "Airborne Assault Platoon's Transition to the Offensive with Advance from Depth (on the Move)". 1. Preparing a platoon for an attack. 2. Assume the starting position for the offensive. 3. Moving to the line of attack and deploying H-T-19s in combat formation. 4. Overcoming engineering barriers and natural obstacles. 5. Attacking and destroying the enemy on the front line of defence, capturing the designated object H-T-24. 6. Development of the offensive in the depths of defence and pursuit of the enemy H-T-29.
Total		270	212	58	

MP 2 FIREARMS AND WEAPONS TRAINING

component name

The general objective of the educational programme component:

The purpose of studying the discipline " Firearms and Weapons Training " is to practice the student's preparation of small arms, grenade launchers, weapons of combat vehicles of the airborne assault company for use, the ability to fire from them and control the company's fire in various types of combat in order to perform assigned combat missions.

As a result of studying the discipline, students should:

to know:

purpose, combat properties, general structure, principle of operation, procedure for incomplete disassembly and assembly after incomplete disassembly, as well as the procedure for post-firing maintenance of the unit's standard weapons;

the procedure for observing the battlefield and selecting a target, initial settings for each type of weapon, the procedure for conducting and adjusting fire, and methods of targeting;

the basics of fire control and the procedure for setting fire missions for the unit.

be able to:

correctly use the combat properties of standard weapons;

conduct reconnaissance of targets by observation, correctly give targeting in various ways; apply the rules of fire when firing from standard weapons;

Prepare the unit's regular weapons for combat use (alignment of sights, lights, devices, checking and bringing weapons (armaments) to normal operation);

to fire and adjust fire from all standard weapons of the unit, to eliminate delays that may occur during firing.

control company fire in all types of combat.

Logistics:

Classes will be held using the classroom facilities of the Department of Armament of Combat Vehicles and Firearms and Weapons Training - special classrooms equipped with technical training equipment, a training complex, as well as the field (training ground) training base of the Centre for Educational Process Support of the Military Academy.

Information and methodological support:

1. Methodological manual on firearms and weapons training on the handling and use of small arms, approved by the NGC-GC
2. Fire training - Lviv: DIA, 2013.
3. Methodology of fire training of mechanised units - Kyiv: Military Publishing House, 2009.
4. Methodology for training fire control of units - Lviv: DIA, 2009.
5. Organisation and Methods of Conducting Training on Fire Control of Mechanised and Tank Units - Lviv, 2011.

6. Organisation and Methodology of Shooting from Small Arms and Combat Vehicles - Lviv: Lviv Institute of Land Forces of the National University "Lviv Polytechnic", 2008.

1. Mnemonic rules for firing small arms, grenade launchers and weapons of combat vehicles - Lviv: DIA, 2011.
2. Firearms and Weapons Training - Lviv: Ministry of Internal Affairs - 2003.
3. Course of fire from small arms and combat vehicles KRP 03.032.056 - 2018 (01) - Lviv: NASV, 2018 (Order of the National Guard - Commander-in-Chief of the Armed Forces of Ukraine of 17 April 2018 No. 160).
4. Combat Regulations of the Land Forces of the Armed Forces of Ukraine. Part II (company, battalion) - Kyiv: Military Publishing House, 2016 (Order of the Commander of the Armed Forces of Ukraine of 30 December 2016, No. 605).
5. Collection of Standards for Combat Training of the Land Forces of the Armed Forces of Ukraine - Kyiv: Military Publishing House, 2005.
6. Manual of firearms. Makarov 9mm Pistol (PM) - Kyiv: Military Publishing House, 2006.
7. Rifle manual. 5.45 mm Kalashnikov rifles (AK-74, AKS-74, AK-74N, AKS-74N) and 5.45 mm Kalashnikov machine guns (RPK-74, RPK-74N, RPK-74N) - Kyiv: Military Publishing House, 2006.
8. Manual on marksmanship 7,62 mm Dragunov sniper rifle (SVD) - Kyiv: Military Publishing House, 2006.
9. Manual on marksmanship. 7.62mm Kalashnikov machine gun PC, PCM, PCS, PCMS, PCB, PCMB, PKT - Kyiv: Military Publishing, 2005.
10. Rifleman's Manual. Hand-held anti-tank grenade launcher (RPG-7) - Kyiv: Military Publishing House, 2006.
11. Training manual "12.7 mm heavy machine guns DShKM and NSV. Part 2. 12.7mm NSV heavy machine gun" - Lviv. NASV, 2020.
12. Manual on marksmanship. 14.5 mm Volodymyrov heavy machine gun (14.5 mm KPVT) - Kyiv: Military Publishing House, 2005.
13. Rifleman's manual. 30mm Automatic Grenade Launcher on a Machine Gun (AGS-17) - K.: Military Publishing House, 2006.
14. 73 mm SPG-9 anti-tank grenade launcher - L: NASV, 2016.
15. BMP-2 armament system. 30 mm automatic gun 2A42. Lviv - 2010.
16. Armament of the BTR-80 armoured personnel carrier. Behaviour during combat use. Lviv: Lviv Institute of Land Forces of Lviv Polytechnic National University, 2008.
17. Armament of the infantry fighting vehicle BMP-2. Behaviour during combat use - Lviv: Military Institute at Lviv Polytechnic National University. 2007
18. Guidelines on shooting. Night Sights for Small Arms and Hand Grenade Launchers - Kyiv: Military Publishing House, 2006.
19. Handgunnery Manual. Hand Grenades - Kyiv: Military Publishing House, 2006.
20. Guidelines for Operating at Night and in Low Light Conditions - Kyiv, 2019.
21. Methodological recommendations. "Tactics for the use of large-calibre machine guns". VP 7-020(03).01.
22. Methodological recommendations. "Organisation of management and improvement of the fire system in modern conditions". VP 7(3)-(01-05)03.01.
23. Methodological recommendations. "For unit commanders on the organisation of counter sniper activities on the contact line". VP 7-01(02-05)03.01.
24. Weapons of the Russian-Ukrainian War. Reference catalogue. Central Military Scientific Directorate of the General Staff of the Armed Forces of Ukraine. October 2023.

Titles of topics and distribution of study time by type of class

№ s/n	Types training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
		10	10		Topic 1: Fire control of an airborne assault company.
1	Group session	2	2		Lesson 1. Company fire control. 1. The work of the company commander in organising fire in defensive and offensive combat. 2. Company fire control in defensive and offensive combat.
2	Practical session	4	4		Lesson 2: Training on fire control of an air assault company in defence. 1. Organisation of the fire system. 2. Fire control of regular and attached units.
3	Practical session	4	4		Lesson 3: Training on fire control of an air assault company in the offensive. 1. Organisation of the fire system. 2. Fire control of regular and attached units.
		11	10	1	Topic 2. Fire training and shooting.
4	Practical session	2	2		Lesson 1: Fire training. 1. Study of the material part of the BMP-1 armament. 2. Training in accordance with standards No. 7, 8, 17 on firearms and weapons training.
5	Practical session	2	2		Lesson 2: Fire training. 1. Study of the material part of the BMP-2 armament. 2. Training in accordance with standards No. 7, 8, 17 on firearms and weapons training.
6	Practical session	2	2		Lesson 3: Fire training. 1. Study of the material part of the BTR-80 armament. 2. Training in accordance with standards No. 5, 6, 17 on firearms and weapons training.
7	Practical session	5	4		Lesson 4. Performing preparatory and training exercises of firing from weapons of combat vehicles on training equipment. 1. Training in firing on the move, at targets that appear and move from the BMP-2 weapon. Execution of COP 2.13.2.10 day and night on dynamic simulators. 2. Fire control training.
				1	1. Maintenance of weapons and military equipment.
		24	20	4	Topic 3. Methods of fire training of units.
8	Group session	2	2		Lesson 1: Organisation and methods of firing and fire training. 1. Requirements of the shooting course to the organisation and conduct of shooting (fire training). 2. Officials appointed during the shooting. 3. Methods of preparing a training leader, unit, weapon, training and material base for fire training.

1	2	3	4	5	6
9	Group session	2	2		Lesson 2: Organisation and methods of firing and fire training. 1. Methods of conducting firing (fire training) when performing exercises with small arms. 2. Methods of conducting firing (fire training) during exercises on arming combat vehicles. 3. Methods of conducting a training session on throwing combat grenades.
10	Group session	2	2		Lesson 3: Organisation and methods of conducting a fire control training session. 1. Methodology for developing fire control exercises. 2. Procedure for drawing up a plan for a fire control exercise. 3. Methods of conducting a practical fire control training session.
11	Group session	2	2		Lesson 4. Methods of developing preparatory shooting exercises and options for displaying targets (target situation diagrams). 1. Procedure for developing preparatory firing exercises for training in small arms and armament of combat vehicles. 2. Procedure for compiling target display options for small arms and combat vehicle weapons exercises. 3. Procedure for developing a target situation diagram.
12	Group session	4	2		Lesson 5. Platoon live-fire (company tactical exercises with live-fire). 1. Methods of calculating targets for live-fire exercises (company tactical exercises). 2. Methods of calculating ammunition for live fire (company tactical exercises with live fire).
				2	1. Develop a company firing plan. 2. Prepare to lead the class as a class leader.
13	Practical session	8	6		Lesson 6. Practice of conducting firearms and weapons training classes on the topic: "Practical implementation of COP 2.01.1.1 with an assault rifle and CS 2.12.1.1 with a pistol". 1. Practical implementation of COP 2.01.1.1 from a machine gun during the day. 2. Practical performance of COP 2.12.1.1 with a pistol during the day. 3. Testing of knowledge of the material part of weapons, fulfilment of firearms and weapons training standards. 4. Testing knowledge of the basics and rules of shooting. Solving firing problems.
				2	1. Develop a plan for conducting a fire management exercise. 2. Preparing to lead the class as a class leader.
14	Practical session	4	4		Lesson 7. Practice of conducting fire training classes on the topic: "Platoon fire control in defensive combat". 1. Perform a target reconnaissance and targeting exercise. 2. Training on a terrain mock-up in platoon (company) fire control. 3. Execution of a defensive fire control exercise.
Total		45	40	5	

MP 3 FUNDAMENTALS OF ARTILLERY EMPLOYMENT

component name

General objective of the educational programme component:

As a result of studying the discipline, students should:

to know:

the basics of tactics of artillery units, their role, place and tasks in a combined arms battle;
types of fire used by artillery units;
combat capabilities of artillery units and principles of their determination;
the procedure for organising interaction with the artillery unit as a means of reinforcing the company tactical group, when defeating the enemy in the main types of combat, when organising movement and positioning on the ground;
the procedure for calling for artillery fire.

be able to:

determine the place in the combat (pre-combat, marching) order and tasks for artillery anti-tank units.
set tasks to call for artillery fire and observe the results of firing during fire adjustment.

Information and methodological support:

1. Combat Regulations of the Artillery of the Armed Forces of Ukraine, Part II (division, battery, platoon, gun), approved by the Order of the General Staff of 18.05.2020 No. 376.
2. Artillery tactics. Division, battery, platoon, section, squad, gun. Textbook." Tkachuk P.P., Repilo Y.E., Sviderok S.M. et al. Lviv: NASV, 2018. 773 p.
3. Corrector of artillery fire: A Study Guide / Vakhnin O.V., Balandin M.V., Vozniuk V.V. - Lviv: NASV, 2016. 64 p.
4. Rules of Engagement and Fire Control of Ground Artillery (Group, Division, Battery, Gun) - Lviv: NASV, 2018. - 292 p.
5. Military Manual GP 3.09 Fire Support, General Staff, May 2017.
6. Notebook on firing and fire control (battery, division): A Study Guide // Yakovenko V.V., Vakhnin O.V., Podlesnyi O.V. - Lviv: DIA, 2014. 186 p.
7. Artillery training course of the Armed Forces of Ukraine (artillery brigade, artillery regiment, division, battery, platoon, gun), approved by the order of the General Staff of 11.03.2020 No. 97.
8. Features of the use of missile and artillery units in specific actions based on the experience of the anti-terrorist operation. Study guide.//Tkachuk P.P., Sviderok S.M., Rudenko O.V., Bakhmat M.V., et al./ - Lviv: NASV, 2016. - 81 p.
9. Album of schemes of actions of units (squad, platoon, company, battalion) // Tkachuk PP, Krasiuk OP, Ozharevskyi VA, Sviderok SM et al. Lviv: NASV, 2019. 66 p.
10. Melnikov V.V., Belyakov V.F., Vakhnin O.V., et al. Album of diagrams on the rules of firing and fire control of ground artillery. Lviv: DIA, 2010. 86 p.

Titles of topics and distribution of study time by type of study session

№ s/n	Types of training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
1	2	3	4	5	6
		4	4		Topic 1. Fundamentals of Combat Operations of Artillery Units of the Armed Forces of Ukraine .
	Lecture	2	2		Lesson 1. Fundamentals of combat employment of artillery units. 1. Content of the discipline Fundamentals of artillery use. 2. Combat capabilities of artillery units. 3. Conventional tactical signs to indicate artillery unit operations and enemy fire.
	Group session	2	2		Lesson 2. Fire damage to the enemy. 1. The purpose of fire destruction of the enemy. Fire and firing tasks. 2. Types of artillery fire. Methods of performing fire missions.
		10	10		Topic 2. Fundamentals of training and combat operations of artillery (mortar) units.
	Group session	2	2		Lesson 1: Artillery units in combat. 1. Fire damage to the enemy in defence. 2. Fire damage to the enemy in the offensive. 3. The purpose and place of anti-tank units in the combat order of airborne assault units. 4. Light support of the battle.
	Practical session	2	2		Lesson 2. The work of the company tactical group commander in clarifying the tasks of the artillery (mortar) battery in defence. 1. Calculation of combat capabilities of artillery units. 2. Organise interaction with the artillery unit commander during the planning of defensive operations. 3. Planning the enemy's fire damage and creating a defensive fire system.
	Practical session	2	2		Lesson 3. The work of the company tactical group commander in the preparation and management of artillery units' combat operations in the offensive. 1. Calculation of combat capabilities of artillery units. 2. Organise interaction with the artillery unit commander during the planning of combat operations in the offensive. 3. Planning the enemy's fire damage and creating a system of fire in the offensive.
	Practical session	4	4		Lesson 4. The work of the company (tactical group) commander in clarifying the tasks of the artillery (mortar) battery in the offensive. 1. Setting tasks for the artillery unit commander in preparation for combat operations. 2. Fire control of artillery units in the offensive.

		16	12	4	Topic 3. Fundamentals of artillery fire call.
	Group session	2	2		Lesson 1: Artillery firing from a closed firing position. 1. The essence of shooting from a closed firing position. Classification of observed targets. 2. Methods of determining firing positions and their accuracy. Safe distances from the explosions of their shells. 3. 3. Command and control post (C&CP), requirements for it. 4. Duties and procedures of the company (tactical group) commander in calling for artillery fire.
	Group session (Nettle)	2	2		Lesson 2: Overview of the Kropyva software package. 1. Purpose and components of the Nettle software 2. Procedure for installing, updating, and activating Kropyva PC components. 3. General overview of the functions of the Kropyva PC components 4. A detailed overview of the Kropyva Map software interface
	Group session (Nettle)	4	2		Lesson 3: Overview of the Kropyva Map software. 1. Use the Scene menu. 2. Use the Functions menu. 3. Use the Maps menu. 4. Use the Top menu. 5. Use the Settings menu.
				2	1. Training on the procedure for determining the coordinates of the SP in different ways. 2. Training in measuring the polar coordinates and size of the target.
	Group session (Nettle)	2	2		Lesson 4. Methods of targeting and the procedure for reporting the deviation of the burst (volley) from the target, depending on the method of firing, using the Kropyva Map software. 1. Methods of targeting. Methods of target acquisition. Formation of a command to call for artillery fire. 2. Procedure for reporting deviations of bursts (volleys) from the target during firing with observation of burst marks. 3. Procedure for reporting the deviation of bursts (volleys) from the target when firing a target using a stopwatch 4. Determination of deviations of gaps in the SAR by range and direction in metres. Determination of the observation angle. Reporting of gap deviations. 5. Determination of gap deviations by cardinal points. Reporting of gap deviations.
	Practical session (Nettle)	6	4		Lesson 5. Calling for artillery fire when performing tasks by a company (battalion) tactical group in various types of combat. 1. Determine the coordinates of the OCP on the map. Drawing up a landmark scheme. 2. Determine the coordinates, height and size of the target. Issue a command to open fire. 3. Determination of deviations of gaps in the SAR by range and direction in metres. Determination of the observation angle. Reporting of gap deviations. 4. Determination of gap deviations by cardinal points graphically. Reporting of gap deviations. 5. Reports on the deviation of bursts (volleys) from the target during target acquisition using a stopwatch.
				2	1. Training in determining the deviation of the gaps from the target when shooting at the SZR. 2. Training in identifying gap deviations by cardinal point.
Total		30	26	4	

MP 4 RECONNAISSANCE TRAINING

component name

General objective of the educational programme component:

As a result of studying the discipline, students should:

to know:

organisational and staffing structure, tactics, tactical and technical characteristics of weapons and military equipment of the main units and subunits of the Land Forces of the Russian Federation;

Reconnaissance signs and vulnerabilities of enemy equipment (weapons);

the basics of organising and conducting reconnaissance in various types of combat;

the main ways of conducting military reconnaissance;

composition, tasks, and modes of action of reconnaissance bodies that are allocated to an airborne assault battalion in the main types of combat.

the procedure for organising reconnaissance in an airborne assault company in offensive and defensive operations, including with the use of UAVs.

be able to:

apply in practice the knowledge of the organisational structure, tactics, tactical and technical characteristics of weapons and military equipment of the main units and subunits of the ground forces of the Russian Federation and illegal armed groups in the course of assessing the enemy;

conduct reconnaissance of the enemy and the area;

organise events and issue reconnaissance instructions during the organisation of the main types of combat

Information and methodological support:

1. The Combat Regulations of the Mechanised and Tank Troops of the Land Forces of the Armed Forces of Ukraine, Part III (platoon, section, crew) - K.: Varta, 2016.
2. The Combat Regulations of the Mechanised and Tank Troops of the Land Forces of the Armed Forces of Ukraine, Part II (Battalion, Company) - K.: Varta, 2016.
3. Military Reconnaissance: A Study Guide / V.M. Vasko and others - Lviv: ASV, 2011. 212 p.
4. Intelligence in the Battalion: A Study Guide / Ozharevskyi V.A., Panasiuk V.V. and others - Lviv: ASV, 2014. - 112 p.
5. Reconnaissance and Foreign Armies: A Study Guide / Tkachuk P.P. and others - Lviv: NASW, 2015. 286 p.
6. A set of basic units (subdivisions) of the Armed Forces of the Russian Federation: Study guide / Tkachuk P.P., Ozharevskyi V.A. and others - Lviv: DIA, 2015, inv.2341-81 p.
7. Handbook of the OSS 1, 2 AK, inv. 907 DSC.
8. Tactical reconnaissance in combat examples based on ATO experience: Manual / Kurdiuk V.F. and others - Kyiv: military unit A1906, 2017.-160p.
9. Reconnaissance features of the main models of armoured personnel carriers of foreign armies: Training and visual aid / Poltsev I.A., Fedenko O.V. - Lviv: LISV, 2008. - 51 p.
10. Planning and conducting reconnaissance in the headquarters of a separate brigade. A methodological guide. January 2023.
11. A methodology for obtaining images of military equipment in the visible and infrared ranges. Research Institute of Military Reconnaissance .June 2023.

Titles of topics and distribution of study time by type of study session

№ s/n	Types of training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
1	2	3	4	5	6
		9	6	3	Topic 1: Organisational and staffing structure, tactics, military equipment and weapons of the main units of the ground forces of the armed forces of the Russian Federation and illegal armed groups.
1	Lecture	2	2		Class 1: Organisational structure, military equipment and weapons of the main units of the ground forces of the armed forces of the Russian Federation and illegal armed groups (company - battalion). 1. Organisational and staffing structure of the main units of the ground forces of the armed forces of the Russian Federation and IAGs (company - battalion). 2. Tactical and technical characteristics of samples of weapons and military equipment of units of the ground forces of the armed forces of the Russian Federation and illegal armed groups.
2	Group session	2	2		Lesson 2: Combat use of the main units of the ground forces of the armed forces of the Russian Federation and IAGs in the main types of combat based on the experience of the Russian-Ukrainian war. 1. Tactics of a motorised infantry (tank) company in the offensive. 2. Tactics of a motorised infantry (tank) company in defence.
3	Group session	5	2		Lesson 3: Combat use of the main units of the ground forces of the armed forces of the Russian Federation and IAGs in the main types of combat based on the experience of the Russian-Ukrainian war 1. Tactics of a battalion task force in the offensive. 2. Tactics of the battalion tactical group in defence.
				3	
		2	2		Topic 2. Fundamentals of military reconnaissance
4	Group session	2	2		Lesson 1: Fundamentals of Military Reconnaissance 1. Purpose, tasks, types, forces and means of tactical reconnaissance. Objects of tactical reconnaissance and their classification. 2. Reconnaissance signs of enemy targets and troop activity. 3. Military reconnaissance agencies and their characteristics. Methods of conducting military reconnaissance. 4. Security of operations, digital security. Capabilities of the enemy's technical reconnaissance assets.
		16	10	6	Topic 3: Reconnaissance organisation in different types of combat
5	Group session	4	2		Lesson 1: Organising and conducting reconnaissance during the movement of a unit 1. Composition, tasks and capabilities of military reconnaissance agencies during the movement of units. 2. Organisation and conduct of reconnaissance during the movement of units.
				2	

					2. Note in your workbooks the peculiarities of conducting reconnaissance during the movement of units. 3. Prepare to answer the test questions.
6	Group session	6	4		Lesson 2: Organising and conducting reconnaissance in defence 1. Organisation and conduct of reconnaissance in the transition to defence in the absence of direct contact with the enemy. 2. Organising and conducting reconnaissance in the transition to defence in direct contact with the enemy. 3. Organisation and conduct of reconnaissance during a defensive battle.
				2	
7	Group session	6	4		Lesson 3: Organisation and conduct of reconnaissance in the offensive. 1. Organisation and conduct of reconnaissance before the start of the offensive against the enemy. 2. Organising and conducting reconnaissance in the event of a breakthrough of enemy defences. 3. Organisation and conduct of reconnaissance during the repulsion of an enemy counterattack. 4. Organisation and conduct of reconnaissance during the introduction of second echelon units into combat.
				2	
		18	16	2	Topic 4. Conducting reconnaissance using UAVs
8	Group session	6	4		Lesson 1: Modern UAVs of the Armed Forces of Ukraine. Classification and purpose. Experience and lessons learnt from use 1. The main reconnaissance and strike UAVs of the Armed Forces of Ukraine that have been adopted. Tactical and technical characteristics. 2. Lessons learned and experience of use. Recommendations for the use of strike UAVs. 3. Lessons and experience of using reconnaissance UAVs. Recommendations for the use of UAVs as part of an artillery reconnaissance and fire complex.
				2	
9	Practical session	12	12		Lesson 2, 3. Practical work of the battalion headquarters in conducting reconnaissance using UAVs 1. UAVs' reconnaissance -gathering capabilities. 2. Limitations and peculiarities in the massive use of UAVs for reconnaissance. Protection of UAVs from the effects of electronic warfare. 3. Practical identification of targets using UAV imagery.
Total		45	34	11	

MP 5 OPERATION OF ARMoured VEHICLES

component name

The general objective of the educational programme component:

The purpose of studying the discipline "Operation of Armoured Vehicles" is to provide theoretical knowledge on the organisation of the operation of armoured weapons and equipment of units in peacetime and wartime, understanding and analysis of the processes of changing the state of the machine; possession of solid practical skills in the organisation of maintenance and maintenance of armoured vehicles of the unit in combat readiness; ability to check and evaluate the technical condition of the machine

As a result of studying the discipline, students should:

to know:

the purpose and procedure for maintenance of armoured weapons and equipment samples, organisation of work and provision of machine maintenance; ways to reduce labour intensity and improve the quality of maintenance work;

the procedure for writing off material and technical assets used during the operation of the armoured weapons and equipment;

the procedure for accepting and transferring a sample of armoured weapons and equipment in the unit;

the essence, role and place of technical support in the overall system of comprehensive support of combat operations of units;

basic organisational and technical measures for the technical support of units in the main types of combat;

the basics of managing the technical support of departments;

the procedure for organising and implementing technical support for the unit during preparation and during combat (march);

be able to:

start the engines of combat vehicles;

properly organise the maintenance of armoured weapons and equipment samples;

to perform certain types of maintenance work and to monitor the quality of this work by personnel;

make appropriate calculations for the provision of material and technical resources and draw up applications for replenishment of these resources;

correctly write off material and technical resources consumed during operation;

to organise and carry out the acceptance or transfer of armoured weapons and equipment sample within the unit;

give instructions on technical support in the preparation and conduct of various types of combat (tactical actions).

Information and methodological support:

1. Matuzko B.P. Operation of armoured vehicles. Part 1. - Lviv: DIA, 2011. - 144 p.
2. Operation of armoured vehicles. Part 2: Study Guide / M. Chorny, O. Shatalov, B. Matuzko, et al. Lviv: NASV, 2020. 233 p.
3. Mikhailov V.A., Shatalov O.E., Dovgopol Y.I. Operation of armoured vehicles. Part 3. - Lviv: DIA, 2012. - 169 p.
4. Guidelines for the preparation and maintenance of documents on the operation of armoured weapons and equipment: Methodological Recommendations / O.E. Shatalov, S.M. Sribnyi, A.V. Rudyi, I.H. Bondariev - Lviv: NASV, 2019. 210 p.
5. Infantry fighting vehicle BMP-2: Structure and basics of operation: Study guide / O.M. Kuprinenko, I.M. Tseliukh, Y.S. Mishchenko [and others]. Lviv:

- NASV, 2018. - 348 p.
6. Statutes of the Armed Forces of Ukraine. - K.: VIPOL, 2004. - 499 p.
 7. Instruction on Accounting for Military Property in the Armed Forces of Ukraine. Approved by the Order of the Minister of Defence of Ukraine of 27.09.2017 No. 440.
 8. The Procedure for Writing Off Military Property in the Armed Forces of Ukraine and the State Special Transport Service. Approved by the Order of the Minister of Defence of Ukraine dated 29.03.2021 No. 81
 9. Determination of the technical condition of armoured weapons samples. Part 2 BMP2 (BMP-1) - Lviv: NASV, 2016.
 10. On Amendments to the Guidelines for the Organisation of the Operation of Armoured Armaments and Equipment in the Armed Forces of Ukraine in Peacetime. Approved by the Order of the Minister of Defence of Ukraine of 23.12.2013 No. 899.
 11. Collection of operational maps for the implementation of technical training standards for mechanised, tank and reconnaissance units - K.: 2002. - 264 p.
 12. Kolesnikov V.O. Methodology of accepting a position and conducting combat training classes / Study guide - Sumy: Mriya-1, 2001. 220 p.
 13. Workshop on the discipline "Structure of Armoured Vehicles" Part 1: T-64BV, T-72B tanks: Workshop / B.P. Matuzko, M.V. Kolomiets, T.M. Stakh - Lviv: NASV, 2019. 331 p.
 14. Guidelines for the organisation of the operation of armoured weapons and equipment in the Armed Forces of Ukraine in peacetime. Approved by the Order of the Minister of Defence of Ukraine of 23.12.2013, no. 899.
 15. Technical support: battalion, company / Study guide / D.E. Haustov, R.S. Bashynskyi, V.I. Dudar, A.V. Lunkov and others - Lviv: DIA, 2014. 240 p.
 16. The use of technical support units and military units. Part 1: Technical support units: a textbook - Kyiv: Ivan Chernyakhovsky National University, 2017. 136 p.
 17. Methodological recommendations on the procedure for applying tactical signs used to mark the technical support situation on topographic maps and diagrams in accordance with the Order of the General Staff of the Armed Forces of Ukraine of 25.04.2018 No. 170 - K.: Ivan Chernyakhovsky NOU, 2019. 38 p.
 18. Temporary Guidelines on Logistics Support of the Armed Forces of Ukraine (Part II).
 19. The Combat Regulations of the Armed Forces of Ukraine "Transport Operations and Military Transportation". December 2020.

Titles of topics and distribution of study time by type of class

№ s/n	Types of training sessions, control events	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
		8	6	2	Topic 1: Maintenance of fuel assemblies.
1	Practical session	8	6		Lesson 1: Inspection of the machine, daily maintenance of the machine. 1. Purpose, frequency, duration and procedure of the control inspection (CI), CI during short stops of daily machine maintenance (SMM). 2. Rules of operation of armoured weapons and equipment in special conditions. 3. Practical performance of work of KO, SHTO. Maintenance of machines of permanent operation.
				2	1. Distribution of the work of the MRO between the crew members. 2. Training to fulfil standard 1.
		12	10	2	Topic 2. Maintaining operational and accounting records.
2	Practical session	4	4		Lesson 1: The procedure for writing off material assets used in the operation of armoured weapons and equipment sample. 1. The procedure for writing off fuel and lubricants during the operation of the armoured weapons and equipment sample (drawing up a waybill). 2. Procedure for writing off material assets used during maintenance and repair of armoured weapons and equipment sample.
3	Practical session	8	6		Lesson 2: Procedure for accepting and transferring a sample of armoured weapons and equipment. 1. Procedure for checking the condition and completeness of a sample of the armoured weapons and equipment. 2. Procedure for execution of documents on acceptance or transfer of a armoured weapons and equipment sample.
				2	1. Training in checking the condition and completeness of the fuel assembly and individual spare parts 2. Training in filling out sample documents (forms, blanks, annexes) on acceptance or transfer of a BTW unit.
		10	6	4	Topic 3: Organisation of technical support for airborne assault units.
4	Group session	4	2		Lesson 1: Basic provisions for the technical support of airborne assault units. 1. General provisions on technical support. 2. The content of the main activities for the technical support of the units. 3. The role and place of company (battalion) officials in the organisation of technical support.
				2	1. To get acquainted with the peculiarities of organising the maintenance of equipment in preparation for combat operations. 2. Study the main measures for organising the recovery of damaged equipment.
5	Group session	4	2		Lesson 2: Tank and technical support of airborne assault units in the main types of combat. 1. Organisation of tank technical support for a unit in a defensive battle. 2. Organisation of tank and technical support for the unit in the offensive. 3. Organisation of tank and technical support for the unit during the march.
				2	1. Learn the tactical signs for technical support. 2. Develop a procedure for reflecting technical support measures.
6	Group session	2	2		Lesson 3: Artillery and technical support in the main types of combat. 1. Measures of artillery technical support in preparation for and during offensive and defensive combat. 2. Organisation of missiles and ammunition supply in the course of combat operations (procedure for receipt, accounting and write-off).
Total		30	22	8	

MP 6 ORGANISATION OF COMPREHENSIVE SUPPORT FOR UNITS

component name

The general objective of the educational programme component:

As a result of studying the discipline, students should:

to know:

- the basics of organising communications in a tactical command and control unit;
- the main tactical and technical characteristics of the unit's regular communications and telecommunications equipment;
- the procedure for preparing the unit's regular communications and telecommunications equipment for operation;
- rules of radio communication in radio networks and radio direction;
- the nature of engineering support for modern combined arms combat;
- organisational and staffing structure, weapons, capabilities and combat use of the brigade's engineer units;
- the procedure for organising the performance of engineering support tasks by the attached units (platoon) of the engineering troops, as well as the procedure for using engineering weapons;
- the basics of engineering support for the movement of units and positioning on the ground;
- the basics of engineering support for offensive and defensive combat of units;
- organisational structure and logistics tasks;
- organising and maintaining the military economy of the military unit;
- Organisational and staffing structure, tasks and capabilities of logistics support bodies, basics of their application in various types of tactical actions;
- basics and rules of providing material resources for the rear;
- the basics of organising medical support for units in the main types of combat;
- the role and place of the senior company combat medic in the main types of combat (operations).

be able to:

- skilfully use regular means of communication;
- train their subordinates to work with regular means of communication, including the use of documents of covert command and control of troops;
- to give instructions on engineering support in the main types of combat, as well as during the preparation of the march and during its execution;
- to use the combat capabilities of the attached units of the engineer troops, and their engineering weapons;
- manage the attached unit (reinforcement) when performing combat engineering support tasks.
- to make decisions and manage units during combat missions, including logistical support;
- Read tactical symbols used to display the logistical situation;
- organise medical support for the unit in the main types of combat.

Organisational and methodological guidelines:

The methodology of teaching the discipline is based on the basic principles of didactics (theory of reasoning and learning). It provides a scientific and pedagogical description of the forms and methods of teaching, indicates the most appropriate combinations to achieve a certain level of learning, and determines the conditions for their most effective use.

To achieve the main learning objective, the programme provides for the following forms of learning:

frontal form of training, when all students perform the same task at the same time under the supervision of a teacher;

group form of training, when students are combined into groups (departments) depending on the staffing structure of the unit, which work in parallel;

individual form of training, when students complete tasks sequentially, one by one.

At the same time, depending on the need to achieve the levels of knowledge or skill, the teacher should use the following methods:

verbal and visual;

training;

situational and cognitive.

A verbal and visual method in which the teacher systematically and consistently presents the educational material, shows (demonstrates) the subjects studied in order for students to gain new knowledge and form the appropriate imagination.

The training (reproductive) method consists in performing complex actions in accordance with an algorithm (pre-established procedure) determined by the training leader to develop the necessary skills and ensure the coherence of military organisational structures.

Situational and cognitive - in reviewing and discussing real (probable) actions, learning about the experience of commanding troops (forces) in military conflicts and developing skills in information and analytical activities.

The above methods provide students with knowledge, skills, and abilities, but to develop their creative abilities, the class leader should use problem-based learning methods.

Group classes are held to enable students to study in detail the issues and problems discussed in lectures and to consider in detail topical issues of the course material. The main teaching methods are explanation with demonstration and discussion. Technical means of information transmission, tables, diagrams, slides, and posters should be used to ensure visualisation during the classes.

Practical training is a type of training session during which the teacher organises the mastering of the theoretical provisions of the topic through the individual performance of specially designed tasks and promotes the development of skills and abilities to apply these theoretical provisions in practice.

Practical exercises should be aimed at consolidating and deepening the knowledge gained by students in lectures and group classes, as well as during independent work, and at developing skills in solving practical problems of everyday military activities.

Independent work should be carried out with the aim of working out and mastering the educational material; consolidating and deepening knowledge, skills and abilities; preparing for the next classes and control measures; forming a culture of mental work, independence and initiative in the search, acquisition and enrichment of knowledge among students.

Independent work should be provided with educational literature, study guides, assignments and methodological recommendations. All teaching and learning materials should have electronic versions. Methodological materials for independent work should provide for the possibility of self-control.

Logistics:

Classes should be held in specialised classrooms, which should be equipped with personal computers at the rate of one workstation per two students and at the training centre's training ground. It is mandatory to use technical training aids during the training sessions.

Information and methodological support:

1. Davydenko S.V. Organisation of military communications in tactical command and control units: Study guide / S.V. Davydenko, O.O. Lavrut, B.M. Boichuk, et al. - Lviv: NASV, 2018. 289 p.
2. Organisation of military communications (album of schemes and formalised documents): Album of schemes / O.O. Lavrut, S.E. Oliynyk, V.B. Opalinsky and others: NASV, 2019. 52 p.
3. Organisation of Military Communications (V.H. Sholudko, M.Y. Esaulov, O.V. Vakulenko, T.H. Gursky, M.M. Fomin). Study guide. - K.: VITI, 2016 - 282 p.
4. Davydenko S.V. Communication means of command and staff vehicles and armoured objects: Study guide / S.V. Davydenko, O.O. Lavrut, B.M. Boichuk "and others." - Lviv: DIA, 2015. - 125 p.
5. Operation and Programming Manual for the MOTOTRBO Trunking Communication Set - K.: GUZIS of the General Staff of Ukraine, 2014. 65 p.
6. Product "Lybid K-1A" (DM 4600 digital car radio in a special version). AEJA 464532.022 RE. Operating instructions. - K.: Dolya & Co. Ltd. 2015. 19 p.
7. On Approval of the Instruction on Ensuring Information Protection in the Trunking Communication Networks of the Armed Forces of Ukraine. Order of the NGS of the Armed Forces of Ukraine No. 444 of 04.02.2016.
8. Rules for Ensuring Information Protection in Information, Telecommunication and Information and Telecommunication Systems, approved by Resolution of the Cabinet of Ministers of Ukraine No. 373 dated 29 March 2006 (as amended).
9. Instructions for installing and configuring a satellite communication station (TOOWAY model by SKYLOGIC) - Kyiv: Scientific and Research Centre for VITI DUT, 2014 - 26 p.
10. Instruction on the operation and adjustment of satellite communication stations of the Tooway system - K.: GUZIS GS, 2014 - 27 p. (approved by the Chief of the Communications Troops on 26.11.2014)
11. Aselsan 6680-IR Digital Intercom System Operation Manual - Turkey, 2017. 44 p.
12. Aselsan VRC-9661 radio operating manual - Turkey, 2017. 86 p.
13. On Approval of the Procedure for Logistical Support of the Defence Forces in the Performance of Tasks on Defence of the State, Protection of its Sovereignty, Territorial Integrity and Inviolability: Resolution of the Cabinet of Ministers of Ukraine of 27.12.2018 No. 1208 // Legislation of Ukraine Database / Verkhovna Rada of Ukraine. URL: <https://zakon.rada.gov.ua/laws/show/1208-2018-%D0%BF#Text> (accessed 28.07.2020).
14. Norms of provision of material property to servicemen of the Armed Forces of Ukraine and the State Special Transport Service in peacetime and special period: Order of the Ministry of Defence of Ukraine dated 29.04.2016 No. 232 // Database "Legislation of Ukraine" / VR of Ukraine. Date of update: 27.08.2019. URL: <https://zakon.rada.gov.ua/laws/show/z0767-16#Text> (accessed 28.07.2020).
15. Norms of consumption of fuel, oils, greases and special liquids during operation, repair and conservation of military equipment and weapons of the Armed Forces of Ukraine, approved by the Order of the Minister of Defence of Ukraine of 06.01.1999 No. 01

16. Combat Regulations of the Mechanised and Tank Forces of the Land Forces of the Armed Forces of Ukraine. Part I. Brigade. - K.: KSV ZSU, 2016.
17. The Combat Regulations of the Mechanised and Tank Troops of the Armed Forces of the Armed Forces of Ukraine. Part II. Battalion, Company - K.: CSR of the Armed Forces of Ukraine, 2016.
18. Basic Provisions of Logistics Support of the Armed Forces of Ukraine, approved by the Order of the Ministry of Defence of Ukraine of 11.10.2016 No. 522
19. Temporary Guidelines on Logistics Support of Combat Operations of Military Units (Subdivisions) of the Land Forces of the Armed Forces of Ukraine (draft) - Kyiv: CSR of the Armed Forces of Ukraine, 2019.
20. Mobilisation Directive of the General Staff of the Armed Forces of Ukraine of 03.07.2018 No. 321/1260 DSK "On the introduction of samples and forms of documents for the preparation and conduct of mobilisation deployment of the Armed Forces of Ukraine". Annex 15.
21. On Approval of the Regulation on the Military (Ship) Economy of the Armed Forces of Ukraine: Order of the Minister of Defence of Ukraine dated 16.07.1997 No. 300 // Database "Legislation of Ukraine" / VR of Ukraine. Date of update: 09.09.2016. URL: <https://zakon.rada.gov.ua/laws/show/z0615-97#Text> (accessed 28.07.2020).
22. Regulation on the provision of the Armed Forces of Ukraine with fuel and technical means of fuel service for peacetime, approved by Order of the Minister of Defence of Ukraine of 31.07.2006 No. 469.
23. On Approval of the Regulation on Food Supply of the Armed Forces of Ukraine in Peacetime: Order of the Minister of Defence of Ukraine dated 09.12.2002 No. 402 // Database "Legislation of Ukraine" / VR of Ukraine. Date of update: 10.11.2017. URL: <https://zakon.rada.gov.ua/laws/show/z0992-02#Text> (accessed 28.07.2020).
24. Regulation on the Procedure for the Creation, Storage, Renewal (Replacement), and Use of Immovable Stocks of Logistics Equipment and Other Logistics Material in the Armed Forces of Ukraine, approved by the Order of the Ministry of Defence of Ukraine of 13.05.2016 No. 6t
25. On Approval of the Instruction on Accounting for Military Property in the Armed Forces of Ukraine: Order of the Ministry of Defence of Ukraine dated 17.08.2017 No. 440 // Database "Legislation of Ukraine" / VR of Ukraine. Date of update: 23.08.2019. URL: <https://zakon.rada.gov.ua/laws/show/z1192-17#Text> (accessed 28.07.2020).
26. Instruction on the organisation and planning of cargo and passenger transportations by road in the Armed Forces of Ukraine, approved by the Order of the General Staff of the Armed Forces of Ukraine of 17.10.2016 No. 387
27. On Approval of the Regulations on the Organisation of Housing and Maintenance Support of the Armed Forces of Ukraine: Order of the Ministry of Defence of Ukraine dated 03.07.2013 No. 448 // Database "Legislation of Ukraine" / VR of Ukraine. Date of update: 08.09.2015. URL: <https://zakon.rada.gov.ua/laws/show/z1590-13#Text> (accessed 28.07.2020).
28. On Approval of the Regulation on Fire Safety in the Ministry of Defence of Ukraine and the Armed Forces of Ukraine: Order of the Ministry of Defence of Ukraine of 29.09.2014 No. 685 // Database "Legislation of Ukraine" / Verkhovna Rada of Ukraine. URL: <https://zakon.rada.gov.ua/laws/show/z1537-14#Text> (accessed 28.07.2020).
29. Methodological recommendations on the organisation of the work of points of reception of mobilisation resources of military units (institutions). Appendix to the Directive of the General Staff of the Armed Forces of Ukraine dated 03.07.2018 No. 321/1259
30. Methodological recommendations on the development of documents of combat and mobilisation readiness of the material service of military units (formations) No. 138/400 of 28.02.2003: Bulletin No. 3 of the Main Material Department - K.: Tyl AFU MoU, 2003. 56 p.

31. Temporary Instruction on Engineering Support of the Armed Forces of Ukraine. General Staff of the Armed Forces of Ukraine. Kyiv - 2019 (Order of the Chief of the General Staff - Commander-in-Chief of the Armed Forces of Ukraine of 25.06.2019 No. 230 DSK "On Approval of the Temporary Instruction on Engineering Support of the Armed Forces of Ukraine");
32. Doctrine on engineering support for the use of troops (forces). Kyiv, 28.10.2020, DSK-34 p.;
33. Tactics of actions of engineering troops: A textbook / M.O. Ivasiuk, O.Y. Matsko, Y.O. Ftemov, V.P. Pavliuchyuk, I.V. Horchynskyi, I.V. Todavchych, A.M. Karshen, R.L. Kolos, D.A. Okipnyak - Lviv: NASV, 2017. 470 p.
34. Miliutin V.A., Ftemov Y.O., Pavliuchyuk V.P., Kolos R.L., Shvets O.O., Ivasiuk M.O., Sakovych L.M. Organisation of Tasks Execution by Units and Subunits of the Engineering Troops of the Armed Forces of Ukraine. Part I. Fundamentals of engineering support. Engineering reconnaissance: Study Guide □ Lviv: DIA, 2014. - 142 p.
35. Organisation of the performance of tasks by units and subunits of the engineering troops of the Armed Forces of Ukraine. Part II. Engineering support of combat operations: Study guide / Ivasiuk M.O., Ftemov Y.O., Pavliuchyuk V.P., Kolos R.L., Shvets O.O. - Lviv: NASV, 2015. 490 p.
36. Demidchik F.A., Panov V.G., Kobylianskyi V.I., Usevych O.S. Engineering support of combat operations. Part 2. Engineering support of offensive combat MB (TB). Study guide. - Kamianets-Podilskyi: - Kamianets-Podilskyi Ivan Ohienko National University, 2011. 158 p.
37. Genyk V.M., Demidchik F.A. Combat use of units and subunits of the engineering troops of the Armed Forces of Ukraine. Study guide. - Kamianets-Podilskyi: - Kamianets-Podilskyi Ivan Ohienko National University, 2011. 102 p.
38. Demidchik F.A., Panov V.H., Denysenko O.M., Sytnik O.V. Tactics of Action of Engineering Troops. Part I. Study guide. - Kamianets-Podilskyi: - Kamianets-Podilskyi Ivan Ohienko National University, 2011. 89 pp.
39. Training Standard I-ST-3. Individual training of a serviceman in military medical training.
40. Sydorenko P.I. Medical care. Textbook / P.I. Sydorenko, T.M. Gut, G.A. Chernyshenko - K.: Medicine, 2008. - 432 p.

Titles of topics and distribution of study time by type of study session

№ s/n	Types of training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
		7	6	1	Topic 1: Fundamentals of communication organisation in tactical command and control units of the Armed Forces of Ukraine.
1	Group session	2	2		Lesson 1: Organisation of communication in tactical command and control units. 1. Conditions that determine the organisation of communications in the units of the tactical command and control of the Armed Forces of Ukraine. 2. Organisation of communication in an airborne assault company. 3. Organisation of communication in the battalion.
2	Group session	2	2		Lesson 2. Electronic warfare and communications security. 1. Capabilities of the electronic warfare assets of the Armed Forces of Ukraine and the Russian army. 2. Covert command and control of troops. Classification of communication security breaches. 3. Procedure of work in radio networks and radio directions in the conditions of enemy EW impact.
3	Practical session	3	2		Lesson 3: Organisation of unit management during the main types of combat (tactical actions). 1. Rehearsing the company (battalion) command scheme in an offensive battle. 2. Developing a company (battalion) command scheme in a defensive battle. 3. Developing alert, interaction and control tables.
				1	1. Practice the capabilities of company (battalion) electronic warfare in various types of combat in workbooks.
		8	6	2	Topic 2. Work on regular means of communication of the tactical command and control.
4	Practical session	2	2		Lesson 1. Work with regular radio communication equipment. 1. Purpose, capabilities and technical characteristics of standard radio communications equipment. 2. Preparation for operation of portable, backpack radios and radios mounted on armoured vehicles.
5	Practical session	2	2		Lesson 2. Management of the unit (radio communication in radio networks and radio directions) during the performance of the assigned task. 1. Prepare radio equipment for operation and establish communication. 2. Conducting radio communication in radio networks and radio links and transmitting combat control commands by digital means of communication using documents of the IMS during the performance of the assigned task.
6	Practical session	4	2		Lesson 3. Work on the means of communication of the tactical command and control. 1. Purpose, capabilities and technical characteristics of wired communications. Preparing them for work. 2. The purpose, capabilities and technical characteristics of satellite communications equipment and their preparation for operation.
				2	1. Training in radio communication in radio networks and radio directions and the transmission of combat control commands by digital means of communication using additional functions and documents of the ATC during the assigned task.
		8	6	2	Topic 3: Engineering support for the actions of the forces.
7	Lecture	2	2		Lesson 1: Purpose, organisational structure and combat capabilities of the brigade GIZ. 1. Composition and purpose of military units and subunits of engineering troops. Principles of combat use of military units and subunits of

					engineering troops. 2. Purpose, organisational structure <i>and</i> combat capabilities of the battalion. 3. Purpose, combat use, organisational structure and combat capabilities of the brigade GIZ.
1	2	3	4	5	6
8	Group session	4	2		Lesson 2. Engineering support measures. 1. Organising the implementation of basic engineering support measures for defensive combat. 2. Organising the implementation of the main engineering support measures for an offensive battle. 3. Study of the capabilities of engineering units in organising engineer support. Technical and tactical characteristics (TTC), and capabilities for breaching routes in the Mine-Contaminated Zone (MCZ).
			2		1. Learn the symbols of IP units and elements of the combat order.
9	Group session	2	2		Lesson 3: The basics of aerosol camouflage. 1. Standard aerosol camouflage means. 2. The procedure for selecting aerosol masking methods. 3. Practical setting up of aerosol curtains using service aerosol (smoke) agents.
		10	8	2	Topic 4. Organisation of engineering support for the preparation of a company's defensive (offensive) battle.
10	Practical session	6	4		Lesson 1. The work of the company commander in organising engineering support for the preparation of a defensive battle. 1. Engineering and tactical calculations of the company commander on planning the measures of engineering equipment of the Company strongpoint (CSP) (Platoon strongpoint (PSP)) in preparation for a defensive battle. 2. Instructions from the company commander for engineering support of defensive combat preparation.
			2		1. Learn the sequence of terrain analysis by OACOS factors.
11	Practical session	4	4		Lesson 2. The work of the company commander in organising engineering support for an offensive battle. 1. Planning engineering support measures in preparation for an offensive battle. 2. Instructions of the company commander for engineering support of the offensive battle.
		8	6	2	Topic 5. Organising the provision of the company (battalion) with material resources.
12	Lecture	2	2		Lesson 1: Material support of units and calculation and supply units. 1. Norms of food supply, calculation of the weight of supplementary food. 2. Fuel and lubricant supply rates, calculation of refuelling weight. 3. Standards of provision of military personnel with clothing and soap, calculation of the weight of a set of clothing.
13	Group session	2	2		Lesson 2: Organisation of company (battalion) logistics in preparation for and during combat operations. 1. Features of logistics support on the march. 2. Features of logistics support when deployed on site. 3. Features of logistics support in defence. 4. Features of logistics support in the offensive.
14	Group session	4	2		Lesson 3. The role and place of company (battalion) officials in the organisation of logistics support in the main types of combat (actions). 1. The algorithm of actions of a logistics sergeant and company sergeant major during the organisation of logistics support in the main types of combat (actions). 2. The algorithm of actions of the deputy battalion commander for the rear during the organisation of logistics support in the main types of combat (actions). 3. Requesting, receiving (acceptance) and creating stocks (replenishment) in the units of the established stocks of the logistics support.

					Ensuring the safety of vehicles and delivering them to the units, transporting vehicles.
				2	1. Write down in a workbook the algorithm of actions of the logistics sergeant and company sergeant major during the organisation of logistics support in the main types of combat (actions). 2. Write down in a workbook the algorithm of actions of the deputy battalion commander for the rear during the organisation of logistics support in the main types of combat (actions).
		4	2	2	Topic 7. Basics of organising medical support for the units of the Armed Forces of Ukraine.
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
15	Group session	4	2		Lesson 1: Tasks and organisational structure of the battalion medical service. Means of medical support. 1. Medical service of an air assault battalion. 2. The role and place of the platoon combat medic and the senior company combat medic in the main types of combat (actions). 3. Tactical medicine. Individual and group means of medical support.
				2	1. Learn the principles and objectives of tactical medicine. 2. In the workbook, work out the scheme of forces and means of the battalion (company) medical service, the contents of the individual medical first aid kit (IMAK).
Total		45	34	11	

MODULE 2: LEADERSHIP AND ROUTINE ACTIVITIES

MP 7 LEADERSHIP

component name

General objective of the educational programme component:

The purpose of teaching the discipline "Leadership" at the tactical level command courses (L-1C) is to improve students' leadership skills, develop character and professionalism, strive for excellence and achieve basic competencies of military leaders; improve students' personal skills in solving tasks and performing duties; develop practical skills in mastering knowledge in other areas of professional activity, searching, analysing and providing critical evaluation of information from various sources.

As a result of studying the discipline, students should:

to know:

requirements for organising and conducting internal communication work in the unit;
basic requirements and methodology for conducting formal and informal APD in the unit;
models and features of situational leadership in a military unit;
effective forms and methods of resolving interpersonal conflicts in a military unit.

be able to:

skilfully use methods of stress neutralisation and emotional and volitional self-regulation techniques;
use methods of effective prevention of deviant and suicidal behaviour of servicemen and women, prevention and resolution of conflicts in the service (unit);
organise and conduct internal communication work within the unit with local authorities and the local population;
take measures to maintain an appropriate level of moral and psychological state of personnel;
to form an effective combat team and maintain its readiness to perform combat missions;
Identify and develop the leadership skills of personnel;
establish interaction with the media.

Organisational and methodological guidelines

The methodology of teaching a discipline is based on the basic principles of didactics (learning theory). It provides a scientific and pedagogical description of the forms and methods of teaching, indicates the most appropriate combinations to achieve a certain level of learning, and determines the conditions for their most effective use.

A lecture is the main type of training session designed to teach the theoretical material of a topic.

The main purpose of the lecture is to systematise the foundations of scientific knowledge and practical experience on the topic, the state and prospects of development of management science, theory and practice of military leader's management activities, to focus on the most complex and nodal issues of the educational material. The lecture should be problem-based, stimulate active cognitive activity of students, and promote creative thinking. In order to enhance the

cognitive activity of servicemen and to develop their creative thinking, technical teaching aids should be skilfully used during lectures in combination with active forms and methods of teaching the educational material. Classes should be conducted by the method of oral presentation of educational material, with individual questions and educational elements worked out in the form of a dialogue between the teacher and the students and by asking them problematic questions.

A group lesson is a type of training session during which the teacher presents new educational material in a verbal and visual way, controls the students' learning of this material by questioning them and helps to consolidate it.

Group classes are held for the purpose of detailed study by students of the issues and problems discussed in lectures and detailed consideration of topical issues of the educational material. The main teaching methods are explanation with demonstration and discussion. Technical means of information and visualisation (tables, diagrams, slides, and posters) should be used to ensure clarity during the classes.

A round table is a form of public discussion or coverage of educational (problematic) issues, when participants speak in a certain order or discuss problems with equal rights of participants. The purpose of the roundtable is to discuss existing problematic issues and then prepare proposals for resolving these issues.

The roundtable should be aimed at consolidating and deepening the knowledge gained during lectures and group classes, as well as during independent work, and at developing the skills to solve problematic issues that arise in the daily work of officers.

Work independently with a purpose:

practice and mastery of the training material;

consolidation and deepening of knowledge, skills and abilities;

preparing for the next lessons and control activities;

Developing a culture of mental work, independence and initiative in the search for, acquisition and enrichment of knowledge among students.

Independent work should be provided with teaching and learning materials (textbooks, manuals, assignments and guidelines). All teaching and learning materials should have electronic versions. Methodological materials for independent work should provide for the possibility of self-control.

The study of educational issues of independent work remotely is carried out in accordance with the requirements of the developed online course.

Logistical support

Classes should be held in a specialised classroom, which should be equipped with personal electronic computing equipment at the rate of one workstation per two students. It is mandatory to use technical training aids during the training sessions.

Information and methodological support

1. Concept of Educational Work in the Armed Forces and Other Military Formations of Ukraine. Approved by Presidential Decree No. 981/98 of 4 September 1998 (as amended by Presidential Decree No. 28/2004 of 12 January 2004).
2. Order of the Ministry of Defence of Ukraine of 04.01.2017 No. 4 "On Approval of the Instruction on Organisation of Information and Propaganda Support in the Armed Forces of Ukraine".
3. Order of the Ministry of Defence of Ukraine of 14.12.16 No. 685 "On Approval of the Regulation on the Service of Military Clergy (Chaplaincy Service) in the Armed Forces of Ukraine".
4. Order of the Minister of Defence of Ukraine of 19.04.1997 No. 11 "On Strengthening Military Discipline in the Armed Forces of Ukraine".
5. Order of the Chief of the General Staff - Commander-in-Chief of the Armed Forces of Ukraine of 16.11.2012 No. 240 "On the introduction of psychological training of personnel in the training process of command and control bodies and troops (forces)".
6. Order of the General Staff of the Armed Forces of Ukraine of 27.04.2018 No. 173DSK "On Approval of the Guidelines for Moral and Psychological Support of Training and Use of the Armed Forces of Ukraine".
7. Order of the General Staff of the Armed Forces of Ukraine of 29.04.2017 No. 153 "On Approval of the Instruction on Assessment of the Moral and Psychological Condition of the Personnel of the Armed Forces of Ukraine" (as amended by Order of the General Staff of the Armed Forces of Ukraine of 16.08.2017 No. 287 "On Approval of Amendments to the Instruction on Assessment of the Moral and Psychological Condition of the Personnel of the Armed Forces of Ukraine").
8. Order of the General Staff of the Armed Forces of Ukraine No. 462 of 27.12.2018 "On Approval of the Instruction on the Organisation of Psychological Decompression of the Military Personnel of the Armed Forces of Ukraine".
9. Order of the Commander-in-Chief of the Armed Forces of Ukraine No. 173 of 23 October 2020 "On Approval of the Instruction on the Organisation of Psychological Training in the Armed Forces of Ukraine".
10. Order of the Ministry of Defence of Ukraine dated 19.01.16 No. 27 "On Approval of the Instruction on Organisation of Social and Legal Protection of Servicemen, Persons Liable for Military Service and Reservists Called up for Training (or Testing) and Special Training, and Members of Their Families, Employees of the Armed Forces of Ukraine in the Armed Forces of Ukraine".
11. Order of the Ministry of Defence of Ukraine of 10.12.14 No. 883 "On Approval of the Instruction on the Organisation of Professional and Psychological Selection in the Armed Forces of Ukraine".
12. Order of the Ministry of Defence of Ukraine of 16.01.16 No. 25 "On Approval of Amendments to the Instruction on the Organisation of Professional and Psychological Selection in the Armed Forces of Ukraine".
13. Order of the Ministry of Defence of Ukraine "On Approval of the Concept of Strategic Communications of the Ministry of Defence of Ukraine and the Armed Forces of Ukraine" No. 612 of 22.11.2017.
14. Military Education: History, Theory and Methodology: A Study Guide / Edited by V.V. Yahupov - Kyiv: Graphic&Design, 2002. 560 p.
15. Leadership of Sergeant and Officer (psychological and pedagogical aspect): Study guide / O.V.Boyko, O.V.Kopanytsia, A.V.Lunkov, A.M.Romanyshyn, N.Speid - Lviv: LISV, 2009. 188 p.
16. Organisational and methodological guidelines for the organisation of work with personnel in the Armed Forces of Ukraine in 2019.
17. Psychodiagnostics of leadership qualities of military personnel. Methodological manual. June 2023.

Titles of topics and distribution of study time by type of study session

№ s/n	Types training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training occupation	Independent work	
		45	34	11	Topic 1: Leadership
1.	Lecture	3	2		Lesson 1: The problem of leadership in the context of the value and ethical paradigm of our time 1. The essence and content of value-based leadership theories. 2. Value aspects of leadership for professional training of military specialists.
				1	1. Types of professional ethics and their humanistic orientation. 2. Peculiarities of professional ethics of military personnel.
2.	Group session	3	2		Lesson 2: Gender aspects of professional activity of an officer 1. Gender equality in the security and defence sector of Ukraine. 2. Gender competence as a component of an officer's professional competence. 3. The role of the commander (chief) in ensuring equal rights and opportunities for men and women.
				1	1. Success and leadership in the military industry. 2. Developing personal leadership skills.
3.	Group session	3	2		Lesson 3: Professionalism and Leadership of Officers 1. Authority and leadership of the commander (chief). 2. Fundamentals of professionalism and leadership development of officers.
				1	1. Content and procedure for assessing the level of authority and leadership of commanders (chiefs). 2. Selection and assignment of servicemen to junior commanders based on leadership potential.
4.	Group session	3	2		Lesson 4. Personnel management 1. Theoretical foundations of management. 2. General functions and management methods.
				1	1. The purpose and content of troop management. 2. Specifics and requirements of troop management.
5.	Group session	3	2		Lesson 5. Organisational culture and ethical issues of the manager 1. The system of personal qualities of a manager. 2. The organisational culture of the manager. 3. Ethical problems of management.
				1	1. Motivation and self-motivation. 2. Ensuring the motivation of subordinates.
6.	Group session	3	2		Lesson 6. Overview of leadership theory 1. Forms of managerial influence.

					2. Situational and adaptive approach to effective leadership. "Leadership" according to NATO standards. 3. Interaction between a commander (chief) and a subordinate.
				1	1. The role and place of military discipline in the performance of military service tasks. 2. Formation of the commitment of servicemen to a healthy lifestyle.
7.	Group session	2	2		Lesson 7. The leader as an organiser and educator of the team 1. The essence and content of the communication process in management. 2. The military team and the stages of its development. 3. Psychological and business characteristics of subordinates.
8.	Round table	6	6		Lesson 8. Practical mechanisms of using the methodology of situational leadership in the activities of a unit commander 1. Theoretical foundations and situational leadership in the activities of a unit commander. 2. Experience of using the theory of situational leadership in the professional activity of an officer. 3. Identification and development of leadership qualities of personnel.
9.	Group session	4	2		Lesson 9. Deviant behaviour in war 1. The essence and characteristics of deviant behaviour in war. 2. Forms and methods of social and psychological relaxation and rehabilitation of military personnel.
				2	1. Features and types of internal conflicts of the personality. 2. Causes and factors of interpersonal and intergroup conflicts in military teams and ways to overcome them.
10.	Roundtable Discussion	8	6		Lesson 10. Manifestation of leadership of commanders in a combat situation 1. Forming an effective combat team and maintaining its readiness to perform combat missions. 2. Discussion of actions of the commander (chief) and soldiers that have a positive impact on the image of the Armed Forces of Ukraine. 3. Discussion of negative actions of commanders and soldiers during participation in combat operations.
				2	1. Establishing and maintaining cooperation with government authorities and NGOs. 2. Interaction of a serviceman with civilians in professional activities.
11.	Group session	4	2		Lesson 11. Strategic communications in the Armed Forces of Ukraine. 1. Information hygiene of troops. 2. Study the problems of strategic communications in the Armed Forces of Ukraine.
				2	1. Preparation for the seminar.
12.	Seminar	4	4		Lesson 12. Prohibited means and methods of warfare 1. Restrictions on the general nature of warfare. 2. Prohibited methods and means of warfare. The use of weapons by military personnel to protect health and life, to repel an attack on military objectives.
Total		45	34	11	

MP 8 ROUTINE ACTIVITIES

component name

The general objective of the educational programme component:

Maintain units in constant readiness to perform assigned tasks, develop and maintain unit combat readiness planning documents.

To organise and conduct combat training in the unit, keep records of it; to work out planning and reporting documents, personally conduct classes with the unit's personnel, effectively use training facilities and objects of the training material and technical base.

To organise and maintain company economy, accounting of personnel, weapons and military equipment, gear and other material resources; to know the methods of accounting and write-off of military property, acceptance (delivery) of cases and the position of the unit commander.

As a result of studying the discipline, students should:

to know:

the procedure for organising daily activities in the company (battalion);

the procedure for organising personnel records in the unit;

the procedure for keeping records of material assets in the unit;

the procedure for accepting and resigning the position of unit commander;

basic forms and methods of combat training in a company (battalion).

be able to:

organise and conduct combat training in the unit (company, battalion), and keep records of it;

Develop planning and reporting documents for combat training;

organise and support the routine activities of the unit;

organise and manage company housekeeping;

Organise and keep records of material assets in the unit;

document the acceptance and surrender of the position of unit commander;

Information and methodological support:

1. Statutes of the Armed Forces of Ukraine. Approved by the Laws of Ukraine of 24.03.99 No. 548 (as amended).
2. Law of Ukraine "On Military Duty and Military Service" of 25.03.1992 No. 2232-XII (as amended).
3. Directive of the General Staff of the Armed Forces of Ukraine "On the Organisation of Training of the Armed Forces of Ukraine in the Academic Year".
4. Order of the Ministry of Defence of Ukraine dated 17.08.2017 No. 440 "On Approval of the Instruction on Accounting for Military Property in the Armed Forces of Ukraine".
5. Order of the Ministry of Defence of Ukraine of 24.10.2016 No. 553 "On Approval of the Instruction on the Organisation of Guard Service in the Armed Forces of Ukraine".

6. Order of the Ministry of Defence of Ukraine dated 25.10.2016 No. 560 "On Approval of the Regulation on Paramilitary Protection of the Armed Forces of Ukraine, Instruction on Organisation and Performance of Guard Service by Paramilitary Guards at the Facilities of the Armed Forces of Ukraine".
7. Order of the Ministry of Defence of Ukraine dated 25.10.2016 No. 561 "On Approval of the Regulation on the Watch Guard and the Instruction on Organisation and Performance of Service by the Watch Guard".
8. Order of the Ministry of Defence - General Staff of 10.03.17 No. 1t/05 "On Approval of the Temporary Instruction on the Procedure for Assessing Combat and Mobilisation Readiness, Readiness to Perform Functional Duties in Military Organisational Structures of the Ministry of Defence of Ukraine and the Armed Forces of Ukraine in a Special Period".
9. Order of the Minister of Defence of Ukraine No. 352 of 29.05.2013 "On Approval of the Temporary Instruction on the Procedure for Organising and Conducting Inspections and Assessment of Acquiring Operational and Combat Capabilities in the Armed Forces of Ukraine".
10. Order of the Minister of Defence of Ukraine of 29.06.2005 No. 359 "On Approval of the Instruction on Organisation of Accounting, Storage and Issuance of Small Arms and Ammunition in the Armed Forces of Ukraine" (as amended).
11. Order of the Ministry of Defence of Ukraine of 16.07.1997 No. 300 "On Approval of the Regulation on Military (Ship) Economy of the Armed Forces of Ukraine".
12. Order of the Ministry of Defence of Ukraine of 20.11.2017 No. 606 "On Approval of the Rules for Wearing Military Uniforms and Insignia by Military Personnel of the Armed Forces of Ukraine and Students of Military Lyceums".
13. Order of the Ministry of Defence of Ukraine of 29.04.2016 No. 232 "On the provision of clothing to the military personnel of the Armed Forces of Ukraine".
14. Order of the Chief of the General Staff - Commander-in-Chief of the Armed Forces of Ukraine No. 498 of 28 December 2016 "On the Procedure for Developing (Refining) Standards for Individual and Collective Training of the Armed Forces of Ukraine".
15. Order of the Chief of the General Staff - Commander-in-Chief of the Armed Forces of Ukraine of 14.11.2005 No. 180 "On Approval of the Regulations on the Service of Troops in the Armed Forces of Ukraine".
16. Order of the Chief of the General Staff - Commander-in-Chief of the Armed Forces of Ukraine of 27.09.2016 No. 364 "On Approval of the Procedure for the Use of Protective Equipment by the Military of the Armed Forces of Ukraine and the Status of Weapons Loaded in accordance with the Degree of Threat".
17. Order of the Ministry of Defence of Ukraine dated 26.05.2014 No. 333 "On Approval of the Instruction on Organisation of Personnel Records of the Armed Forces of Ukraine".
18. Resolution of the Cabinet of Ministers of Ukraine dated 18.12.2013 No. 939 "On Approval of the Procedure for Organisation and Ensuring Secrecy in State Bodies, Local Self-Government Bodies, Enterprises, Institutions and Organisations and Invalidation of Certain Resolutions of the Cabinet of Ministers of Ukraine".
19. Vorobyov G.P., Dumansky Y.A., Grabchak V.I. et al. Combat Training of the Land Forces of the Armed Forces of Ukraine: Theory and Practice. Monograph. Lviv. 2013.
20. Military administrative activity: A Study Guide / M.A. Holova, V.M. Durach, O.V. Ivashchenko, R.I. Sapiga, N.T. Stukalina - Lviv: NASU, 2012. 240 p.
21. Guidelines on company management and organisation of control over the service of troops. L., DIA, 2010.

22. Methodological recommendations on peculiarities in the organisation of certain issues of daily activities and service of troops in military units of the Land Forces of the Armed Forces of Ukraine. Kyiv 2016.
23. Management of the daily activities of departments: Study guide - Lviv: NASW, 2021. - 364 p.
24. Fundamentals of Combat Training of the Land Forces of the Armed Forces of Ukraine: Study guide / Edited by Major General of the Reserve M.A. Holova. - Lviv: NASV, 2018. 240 p.
25. Guidelines for ensuring personal cybersecurity. August 2023.

Titles of topics and distribution of study time by type of study session

№ s/n	Types of training sessions, control measures	Total hours	Among them.		Topic title and training points, methodological recommendations
			Training sessions	Independent work	
		10	8	2	Topic 1: Daily life of the troops
	Lecture	2	2		Lesson 1. Management of routine activities as a component of military management. 1. Components of managing the routine activities of departments and their characteristics. 2. The main categories, concepts of everyday activities and their characteristics.
	Group session	4	4		Lesson 2: Organisation of service in a unit. 1. Daily life activities (concepts, procedures, time management, daily routines, meetings, etc.). 2. Peculiarities of everyday life in the PAD, recovery area, during combat missions (combat, post-combat).
	Group session	4	2		Lesson 3: Organisation of personnel records in a unit. 1. The main provisions of the governing documents on personnel accounting in the unit. 2. The procedure for accounting for personnel in a unit (company, platoon). 3. The procedure for controlling personnel involved in tactical groups during combat missions.
				2	
		6	6		Topic 2. Fundamentals of organisation and methods of combat training of units (subunits).
	Group session	2	2		Lesson 1: Fundamentals of combat training of a unit (subdivision). 1. The main provisions of the guiding documents on the organisation of combat training. 2. Accounting for combat training in a unit.
	Group session	2	2		Lesson 2: Organisation of training in a unit. 1. The purpose and place of individual and collective training in the combat training system. 2. Organisation of individual training in the unit. 3. Organisation of collective training in the unit.
	Group session	2	2		Lesson 3: The concept of unit combat readiness. 1. Indicators of combat readiness. 2. Checking the company's readiness to perform tasks.
		14	10	4	Topic 3: Fundamentals of organisation and management of military economy.
	Lecture	2	2		Lesson 1: Fundamentals of company management. 1. Tasks and organisation of the company economy. 2. Organisation of storage of weapons, military equipment and company property.
	Group	4	4		Lesson 2: Receipt and accounting of military property in the unit.

	session				
					1. Procedure for receiving (delivery) of material and technical resources from (to) the warehouse. 2. The work of the unit commander in accounting and writing off material assets in the unit.
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
	Practical session	8	4		Lesson 3. The work of the commander (chief) in accepting and handing over cases and positions. 1. General provisions on acceptance and delivery of cases and the position of the unit commander. 2. The work of the unit commander during the acceptance of cases and the position of the unit commander and its peculiarities in the conditions of participation of the unit in combat operations. 3. Documentation of acceptance, handover of cases and position.
				4	1. Develop a procedure for the work of the unit commander when accepting cases and its peculiarities in the conditions of participation of the unit in combat operations.
	Total	30	24	6	

MP 9 ORGANISATION OF MORAL AND PSYCHOLOGICAL SUPPORT

component name

The general objective of the educational programme component:

The purpose of teaching the discipline "Organisation of Moral and Psychological Support" is to:

Improving students' knowledge and skills in organising moral and psychological support in the unit;

Developing practical skills for effective influence on the minds and psyches of military personnel to ensure that they perform their tasks under any circumstances;

development of analytical and creative thinking in students to ensure the quality of assigned tasks.

As a result of studying the discipline, students should:

to know:

general principles of organising moral and psychological support and effective personnel management;

theoretical aspects of organising internal communication work in the unit;

the system of work of the unit commander on the methodology for assessing the moral and psychological state in the unit;

theoretical foundations of planning and organising moral and psychological support in a military unit;

the basics of a unit commander's work to identify and prevent combat-related mental trauma and disorders in soldiers.

be able to:

take into account and apply the types, forms and methods of psychological training;

independently and creatively solve the tasks of information-propaganda and psychological support for the personnel of a military unit (military collective), apply the acquired knowledge in practice;

organise moral and psychological support in the unit, skilfully use methods of stress neutralisation and emotional and volitional self-regulation techniques;

organise moral and psychological support for the training and use of the unit;

master the methods and technologies of working with personnel to form, maintain and restore the moral and psychological state of servicemen.

Organisational and methodological guidelines:

To achieve the main learning objective, the programme provides for the following forms of learning:

frontal form of training, when all students perform the same task at the same time under the supervision of a teacher;

group form of training, when students are combined into groups that work in parallel;

individual form of training, when students complete tasks sequentially, one by one.

At the same time, depending on the need to achieve the level of knowledge or skill, the teacher should use: verbal and visual, training; situational and cognitive methods.

The above methods provide students with knowledge, skills, and abilities, but to develop their creative abilities, the class leader should use problem-based learning methods.

Independent work should be carried out with the aim of working out and mastering the educational material; consolidating and deepening knowledge, skills and abilities; preparing for the next classes and control measures; forming a culture of mental work, independence and initiative in the search, acquisition and enrichment of knowledge among students.

Logistical support

It is mandatory to use technical training aids during training sessions.

Information and methodological support

1. Constitution of Ukraine. The Basic Law. - Kyiv, 1996 (as amended) // Official Gazette of Ukraine of 21.02.2019.
2. Order of the General Staff of the Armed Forces of Ukraine of 27.04.2018 No. 173DSK "On Approval of the Guidelines for Moral and Psychological Support of Training and Use of the Armed Forces of Ukraine".
3. The Doctrine of Military Leadership Development in the Armed Forces of Ukraine, developed by the Main Doctrine and Training Department of the General Staff of the Armed Forces of Ukraine, December 2020.
4. Order of the Commander-in-Chief of the Armed Forces of Ukraine No. 173 of 23.10.2020 "On Approval of the Instruction on the Organisation of Psychological Training in the Armed Forces of Ukraine".
5. Order of the Commander-in-Chief of the Armed Forces of Ukraine No. 97 dated 14.04.2021 "On Approval of the Algorithm for Conducting Professional and Psychological Selection of Candidates for Contractual Military Service in the Armed Forces of Ukraine".
6. Standard "Psychological Training" STI 01.22.A, June 2018.
7. Order of the General Staff of the Armed Forces of Ukraine of 29.04.2017 No. 153 "On Approval of the Instruction on Assessment of the Moral and Psychological Condition of the Personnel of the Armed Forces of Ukraine" (as amended by Order of the General Staff of the Armed Forces of Ukraine of 16.08.2017 No. 287 "On Approval of Amendments to the Instruction on Assessment of the Moral and Psychological Condition of the Personnel of the Armed Forces of Ukraine").
8. Order of the General Staff of the Armed Forces of Ukraine of 27.12.2018 No. 462 "On Approval of the Instruction on the Organisation of Psychological Decompression of the Military Personnel of the Armed Forces of Ukraine".
9. Order of the Ministry of Defence of Ukraine of 04.01.2017 No. 4 "On Approval of the Instruction on Organisation of Information and Propaganda Support in the Armed Forces of Ukraine".
10. Methodological recommendations for psychological training of the Armed Forces of Ukraine on the formation of stress resistance to actions in conditions of a sharp change in the combat situation. TKP 1-160(31)03.01, Main Directorate of the Ministry of Defence of the Armed Forces of Ukraine, January 2021.
11. Guidelines on the use of social media in the Armed Forces of Ukraine, approved by the Commander-in-Chief of the Armed Forces of Ukraine on 01.09.2021.
12. Methodological recommendations for commanders (chiefs) on the prevention of gambling addiction among servicemen, approved by the Chief of the General Staff of the Armed Forces of Ukraine on 30.06.2021.
13. Methodological manual "Culture of relations in a military team. An Adviser to the Commander." / edited by N. A. Hahaiev. K. : Osvita Ukrainy Publishing House, FOP Maslakov R.O., 2021.
14. Moral and psychological support in the Armed Forces of Ukraine. Textbook / Stasiuk V.V. - K.: NUOU, 2020.

Titles of topics and distribution of study time by type of study session

№ s/n	Types training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
		12	8	4	Topic 1: Organisation of Moral and Psychological Support (MPS) for company (battalion) training and employment.
	Lecture	4	2		Lesson 1: The essence and content of MPS in the Armed Forces of Ukraine. 1. General characteristics, content and main directions of the MPS system in the AFU. 2. The organisation of the MPS during the Russian-Ukrainian war.
				2	1. Study the organisation of interaction in the interests of the MPS. 2. Get acquainted with civil-military relations in the Armed Forces of Ukraine.
	Group session	4	2		Lesson 2: Organisation of moral and psychological support for the preparation and use of a company (battalion). 1. Organisation of moral and psychological support for company (battalion) training. 2. The content of the activities of unit officials in relation to the moral and psychological support of the use of the company (battalion).
				2	1. To develop the organisation and procedure for planning the MPS of company (battalion) training and employment.
	Group session	2	2		Lesson 3: Formation, maintenance and restoration of the moral and psychological state of company (battalion) personnel. 1. The essence and content and procedure for assessing the moral and psychological state of personnel. 2. Methods and technologies for strengthening the moral and psychological state of military personnel.
	Group session	2	2		Lesson 4. Procedure for the company commander's actions when personnel refuse to perform a combat task and abandon their positions. 1. Conditions that precede situations in which personnel refuse to perform tasks (abandon positions). 2. Algorithm of actions of the company commander in the event of an emergency.
		18	16	2	Topic 2. Methods of anti-stress training of personnel.
5.	Practical session	6	6		Lesson 1: Psychological work with group resistance as one of the main reactions to stress in conditions of uncertainty. 1. Practical definition of helplessness and despair. 2. Performing psychological assistance exercises. 3. Procedure for the formation of psychological resistance to psychotraumatic factors of modern warfare.
6.	Practical session	6	6		Lesson 2. Motivating servicemen to perform assigned tasks. 1. Learning to build psychological resilience.
7.	Group session	6	4		Lesson 3. Methods of preparing and conducting a lesson by a company commander on overcoming tank fear and psychological adjustment of personnel for survival in the conditions of enemy use of rocket and artillery weapons. 1. Peculiarities of preparing and conducting a lesson on overcoming tank fear of military personnel. 2. Peculiarities of preparing and conducting a lesson by the company commander on the psychological adjustment of the unit's personnel for survival in the conditions of the enemy's use of rocket and artillery weapons.
				2	1. Study the materials of the practical sessions.
	Total	30	24	6	

MODULE 3. "THE WORK OF THE BATTALION (DIVISION AND EQUIVALENT) HEADQUARTERS ON PLANNING AND CONDUCTING COMBAT OPERATIONS UNDER MDMP PROCEDURES"

MP 10 MILITARY DECISION-MAKING PROCESS (MDMP)

component name

The general objective of the educational programme component:

to train an officer who is able to use the military decision-making process (MDMP) at the battalion level and lead subordinate units in the main types of combat.

As a result of studying the discipline, students should:

to know:

the structure, purpose and tasks of the battalion headquarters (BTGr);

Combat capabilities of battalion units (BTGr), tactics of actions in various types of combat;

combat support functions (movement and manoeuvre, reconnaissance, fire concentration, troop protection, logistics, decentralised control);

the main provisions of the military decision-making process (hereinafter referred to as the MDMP);

the procedure for the work of battalion headquarters sections (BTGr), functional responsibilities, and interaction.

be able to:

to perform functional duties as part of the S-structure of the brigade command and S-structure of the battalion headquarters (BTGr);

map the situation on a topographic map using the Military Geographic Reference System (MGRS);

to qualitatively develop and maintain combat documents (graphic and textual) developed during the MDMP;

perform functional duties as part of battalion headquarters sections (BTGr).

Logistical support

It is mandatory to use technical training aids during training sessions.

Information and methodological support

1. Manual "Military decision-making process (battalion). The Lithuanian-Polish-Ukrainian Brigade named after Grand Hetman Kostiantyn Ostrozkyi. September 2023.
2. Planning and organisation of combat according to NATO standards. Military educational and methodological publication. International Centre for Peacekeeping and Security. Lviv, 2022.
3. Conducting ground tactical operations in urbanised areas. NATO standards. August 2023.

Titles of topics and distribution of study time by type of study session

№ s/n	Types of training sessions, control measures	Total hours	Among them.		Topic title and training points
			Training sessions	Independent work	
		15	12	3	Topic 1: Basic characteristics and content of the military decision-making process (MDMP) for battalion operations.
1.	Group session	4	4		Lesson 1: Battalion headquarters structure, functions and responsibilities of battalion headquarters section officials. 1. Structure, purpose and main tasks of the battalion headquarters. 2. General duties of staff officers. Relationships between headquarters (headquarters departments).
2.	Group session	6	4		Lesson 2. General principles of the military decision-making process (MDMP). 1. Content and principles of the military decision-making process: - Stage 1: "Receiving the task"; - Stage 5: "Comparing options"; - Stage 2: Task Analysis; - Stage 6: Approval of Action Options; - Stage 3: Development of Action Options; - Stage 7: Development of Orders. - Stage 4: Analysis of action options;
				2	1. Write down the content and principles of the military decision-making process in your workbooks.
3.	Group session	5	4		Lesson 3: Key characteristics and content of integrated MDMP procedures for battalion-level operations. 1. Reconnaissance support for combat operations. 2. Risk management. 3. Determination of priority tasks (targets) for fire damage.
				1	1. Write down the main characteristics and content of integrated MDMP procedures.
Total		15	12	3	