

MINISTRY OF DEFENCE OF UKRAINE

MILITARY ACADEMY (ODESA)

**EDUCATIONAL PROGRAM
FOR PROFESSIONAL MILITARY EDUCATION COURSE**

**COMMAND-STAFF COURSE OF THE TACTICAL LEVEL
FOR AIR ASSAULT TROOPS (L-2)**

Military Specialty

021200 “Combat employment of airborne (air assault), mountain assault, and naval infantry units of military formations”

APPROVED

By the Academic Council of the Military Academy
(Odesa)

(Protocol dated “27” August 2024, No. 1)

Chairman of the Academic Council of the
Military Academy (Odesa)

Major General

Andrii KOVALCHUK

Put into an order

By the order of the Head of the Military Academy
(Odesa)

Order No. ____ from “ ____ ” ____ 20 ____

**Odesa
2024**

CONSENT FORM
EDUCATIONAL PROGRAM
FOR PROFESSIONAL MILITARY EDUCATION COURSE

**Command-Staff Course of the Tactical Level
for Air Assault Troops (L-2)**

The Ministry of Defence of Ukraine of **The General Staff of the Armed Forces of Ukraine**

AGREED

Director of the Department of Military Education and Science of the Ministry of Defence of Ukraine

Volodymyr MIRNENKO
_____ 2024

AGREED

Head of the Central Directorate of Military Education of the General Staff of the Armed Forces of Ukraine
Colonel

Oleksandr VERBOVENKO
_____ 2024

Command of the Air Assault Troops of the Armed Forces of Ukraine

AGREED

Commander of the Air Assault Troops
Brigadier General

Ihor SKYBIUK
_____ 2024

Working Group Chairman
Head of the Department of Air Assault Troops, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine
Colonel

Ihor DANYLIUK
_____ 2024

FOREWORD

Developed by a working group of the Air Assault Troops Command and the National Defence University of Ukraine (Order of the Command of the Air Assault Troops dated 19.02.2024, No. 42).

Working Group Chairman - Colonel Ihor DANYLIUK, Head of the Department of Air Assault Troops, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine

Working Group Members:

1. Colonel Oleksandr HOLDA, Senior Lecturer, Department of Air Assault Troops, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine;
2. Employee of the Armed Forces of Ukraine, Volodymyr NAUMOV, Lecturer, Department of Air Assault Troops, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine;
3. Colonel Oleksandr HEORHADZE, Deputy Head of the Department of Command of Troops in Peacetime, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine;
4. Colonel Volodymyr KHARABARA, Professor, Department of Command of Troops in Peacetime, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine;
5. Colonel Oleh RYBCHUK, Associate Professor, Department of Social Sciences, Humanities Institute, National Defence University of Ukraine;
6. Colonel Oleksandr DERIKOT, Senior Lecturer, National Security and Defence Strategy Department, Institute of National Military Administration, National Defence University of Ukraine;
7. Employee of the Armed Forces of Ukraine Andriy MYKHAILOV, Associate Professor, National Security and Defence Strategy Department, Institute of National Military Administration, National Defence University of Ukraine;
8. Colonel Vasyl SHVALIUCHYNSKI, Head of the Land Forces Department, Command-Staff Institute of Troops (Forces) Employment of the National Defence University of Ukraine;
9. Colonel Sviatoslav ZAITIS, Head of Training (G7), Headquarters of the Air Assault Troops Command, Armed Forces of Ukraine;
10. Colonel Vitalii PARKHOMOVYCH, Senior Officer, Document Development Group, Planning and Operational Training Department of the Training Directorate (G7), Headquarters of the Air Assault Troops Command, Armed Forces of Ukraine;
11. Lieutenant Colonel Anatolii TSIURENKO, Head of the Individual Training Group, Military Units Training Department of the Training Directorate (G7), Headquarters of the Air Assault Troops Command, Armed Forces of Ukraine.

I. PROFILE OF THE EDUCATIONAL PROGRAM OF THE PROFESSIONAL MILITARY EDUCATION COURSE

1 – General Information	
Full Name of the Higher Military Educational Institution	National Defence University of Ukraine
Prerequisites	Serving under a contract in the Armed Forces of Ukraine; Completion of the tactical-level command course L-1C or having a master’s degree in tactical-level officer training; Proficiency in English at STANAG 6001 Level 1
Language(s) of Instruction	Ukrainian
Validity of the Educational and Professional Program	Until updated or replaced with a new educational program
2 – Purpose of the Educational Program of the Professional Military Education Course	
To provide professional training for highly qualified officers capable of performing duties at the next level of responsibility and integrating into battalion/regimental/brigade-level staff	
3 – Characteristics of the Educational Program of the Professional Military Education Course	
Subject Area	<i>The subject</i> of study and/or activity includes: interaction and mutual influence of commanders, subordinates, and colleagues; combat application of units and military formations; creation and interpretation of symbolic systems. <i>Content of the Subject Area:</i> Concepts, principles, and methods used for battle planning (combat operations), management at the battalion, regiment, brigade level of the Air Assault Forces of the Armed Forces of Ukraine during their combat application, daily activities, and forecasting the effectiveness of their combat application. Practical work of tactical-level staff officers (S1-S6)
Main Focus of the Educational Program of the Professional Military Education Course	Professional military education for serving in typical positions defined in the professional standard for tactical-level officers
Program Features	The educational program is adapted to deepen theoretical knowledge and practical skills of officers, regardless of

	their specialization, in performing duties at the battalion, regiment, and brigade levels of the Air Assault Forces of the Armed Forces of Ukraine, considering the experience of the Russian-Ukrainian war
4 – Employability and Further Education of Graduates	
Employability	Graduates can be assigned to positions requiring tactical-level military education at the battalion, division, regiment, or brigade level within the structure of the Air Assault Forces of the Armed Forces of Ukraine
Further Education	Training in the course for officers of combined operational-level staffs (L-3)
5 – Teaching and Assessment	
Teaching and Learning	Main types of educational activities used for teaching components of the educational program: interactive lectures; guided discussions; problem-based learning (syndicate work); role-playing games; demonstrations and practical activities; modelling; consultations; self-study
Assessment	Assessment of course participants' learning outcomes is determined by the depth of knowledge according to the qualification matrix: basic level (100); intermediate level (200); advanced level (300); expert level (400); master level (500). Forms of control: oral and written questioning; test tasks (including computer testing); credits; exams
6 – Program Competencies	
Military-Professional Competencies (MPC)	MPC 1. Ability to understand fundamental threats and challenges to national and international security and the role of security organizations in addressing them
	MPC 2. Ability to communicate and apply leadership qualities to implement tactical tasks within the framework of existing international and national legislation at the battalion, regiment, brigade level, and equivalent
	MPC 3. Ability to understand issues related to maintaining combat and mobilization readiness, combat training of military units, and the roles and tasks of respective units and services
Military-Specialized Competencies (MSC)	MSC 1. Ability to plan the employment of military units at the battalion, regiment, brigade level, and equivalent, including using planning and tactical standards employed in the armed forces of NATO member states
	MSC 2. Ability to organize and manage, and support coordination during the preparation and conduct of combat (combat operations) by battalions, regiments, and brigades of the Air Assault Forces of the Armed Forces of Ukraine

7 – Program Learning Outcomes	
Military-Professional Training	LOmt 1. Understand external and internal factors directly affecting national security
	LOmt 2. Use mechanisms for interaction between units of the Armed Forces of Ukraine and other components of the security and defence sector of Ukraine
	LOmt 3. Apply principles of team formation at the battalion, regiment, brigade level, and equivalent
	LOmt 4. Use public speaking skills for military leaders
	LOmt 5. Apply elements of strategic communications at the battalion, regiment, brigade level, and equivalent
	LOmt 6. Understand norms of international humanitarian law and national legislation in the military sphere, including issues related to social guarantees, rights, and duties of servicemen during military service, including during the legal regime of martial law
	LOmt 7. Organize and conduct individual training activities with servicemen and collective training with structural units of a military unit
	LOmt 8. Assess the combat readiness of a unit, military unit, and understand the tasks of staff officers, units, and services of the military unit concerning mobilization and increasing the combat readiness of the military unit
Military-Specialized Training	LOms 1. Use of the elements of military theory (tactics of general military formations) during the planning process of actions for the employment of military units at the battalion, regiment, and brigade level of the Air Assault Forces of the Armed Forces of Ukraine
	LOms 2. Use of the Military Decision-Making Process (MDMP) during planning operations at the battalion, regiment, and brigade level of the Air Assault Forces of the Armed Forces of Ukraine
	LOms 3. Explain the general process of planning operations (OPP)
	LOms 4. Develop battalion, regiment, and brigade tactical operational orders (OPORD)
	LOms 5. Employ tactics of unit actions during air assault, raid operations, airborne operations, and general military combat, including in the enemy's rear during the execution of combat tasks by battalions, regiments, and brigades of the Air Assault Forces of the Armed Forces of Ukraine
	LOms 6. Organize and support interaction at the battalion, regiment, brigade level of the Air Assault Forces of the Armed Forces of Ukraine during preparation and execution of combat tasks

	LOms 7. Command battalions, regiments, and brigades of the Air Assault Forces of the Armed Forces of Ukraine and attached units during preparation and execution of combat tasks
8 – Resource Provision for Program Implementation	
Staffing	Meets staffing requirements for conducting educational activities in the field of professional military education
Material and Technical Support	Meets technological requirements for material and technical support of educational activities in the field of professional military education
Information and Educational Methodological Support	Meets technological requirements for information and educational-methodological support of educational activities in the field of professional military education

2. ALIGNMENT OF PROGRAM COMPETENCIES AND LEARNING OUTCOMES WITH EDUCATIONAL PROGRAM COMPONENTS

Discipline code	Educational Program Components (Courses)	Credits		Competencies	Learning Outcomes
1.1	Fundamentals of National and International Security	2	1*	MPC 1	LOmt 1
					LOmt 2
1.2	Leadership	4	4*	MPC 2	LOmt 3
					LOmt 4
					LOmt 5
					LOmt 6
1.3	Daily Activities of Military Units	2	1*	MPC 3	LOmt 7
					LOmt 8
2.1	Tactics of Air Assault Troops (Operations)	32	19*	MSC 1	LOms 1
					LOms 2
					LOms 3
					LOms 4
				MSC 2	LOms 5
					LOms 6
					LOms 7
Total Credits for the Program		40	25*		

* - During the legal regime of martial law.

3. DISTRIBUTION OF EDUCATIONAL PROGRAM COMPONENTS (during the legal regime of martial law)

№	Discipline code	Discipline title	Final Control		Quantity of ECTS Credits	Total Hours								
			Exams	Credits		Total	Lecture Hours						Self-Study	
							Total	Including						
						Interactive Lectures	Guided Discussions, Syndicate Work	Demonstrations and Practical Activities	Role-Playing	Modelling	Control Session			
1.	1.1	Fundamentals of National and International Security		1	1	30	20	6	13				1	10
2.	1.2	Leadership		2	4	120	80	22	34	22			2	40
3.	1.3	Daily Activities of Military Units		2	1	30	20	4	14				2	10
4.	2.1	Tactics of Air Assault Troops (Operations)	4		19	570	388	81	35	28	140	100	4	182
Total:			4	5	25	750	508	113	96	50	140	100	9	242

3. DISTRIBUTION OF EDUCATIONAL PROGRAM COMPONENTS (in peacetime)

№	Discipline code	Discipline title	Final Control		Quantity of ECTS Credits	Total Hours								
			Exams	Credits		Total	Classroom Hours						Self-Study	
							Total	Including						
								Interactive Lectures	Guided Discussions, Syndicate Work	Demonstrations and Practical Activities	Role-Playing	Modelling		Control Session
1.	1.1	Fundamentals of National and International Security		2	2	60	40	8	30				2	20
2.	1.2	Leadership		2	4	120	80	22	34	22			2	40
3.	1.3	Daily Activities of Military Units		4	2	60	40	4	22	6	4		4	20
4.	2.1	Tactics of Air Assault Troops (Operations)	4		32	960	621	102	171	60	184	100	4	339
Total:			4	8	40	1200	781	136	257	88	188	100	12	419

4. EDUCATIONAL DISCIPLINE PROGRAMS OF THE EDUCATIONAL PROGRAM

4.1. Discipline title: “FUNDAMENTALS OF NATIONAL AND INTERNATIONAL SECURITY”

Overall Aim of the discipline: To develop officers' ability to navigate issues related to the main threats and challenges to national and international security, as well as the role of security organizations in addressing these issues.

Knowledge, Skills, and Competencies to be demonstrated:

1. Ability to understand external and internal factors that directly impact national security.
2. Ability to utilize mechanisms for interaction between the Ukrainian Armed Forces and other components of Ukraine's security and defence sector.

Organizational and Methodological Guidelines:

Organizational and Methodological Measures: Prior to classes, students should be given tasks to review the principles of fundamental, guiding documents, and supplementary publications to familiarize themselves with the issues and participate in discussions during the classes.

Material and Technical Support:

Classrooms should be equipped with modern multimedia equipment with internet connectivity capabilities. Topographic maps at a scale of 1:500,000 should be used to reflect the military-political situation in Ukraine and beyond.

Information and methodological support:

Topic 1: International Security

1. Constitution of Ukraine, June 28, 1996 (with amendments).
2. Law of Ukraine “On the Fundamentals of Domestic and Foreign Policy”, July 1, 2010, No. 2411-VI (with amendments).
3. Law of Ukraine “On National Security of Ukraine”, June 21, 2018, No. 469-VIII.
4. National Security Strategy of Ukraine, Presidential Decree of September 14, 2020, No. 392/2020.
5. Military Security Strategy of Ukraine, Presidential Decree of March 25, 2021, No. 121/2021.
6. Foreign Policy Strategy of Ukraine, Presidential Decree of August 26, 2021, No. 448/2021.
7. Order of the Ministry of Defence of Ukraine, July 23, 2021, No. 218 “On International Cooperation of the Ministry of Defence of Ukraine and the Armed Forces of Ukraine”.

8. Fundamentals of Ukraine's Foreign Policy: Textbook / [Yu.V. Punda, I.P. Kozynek, et al.]. – Kyiv: National University of Defence of Ukraine named after Ivan Cherniakhovsky, 2018. – 240 p.
9. UN Charter.

Topic 2: National Security

1. Constitution of Ukraine, June 28, 1996 (with amendments).
2. Law of Ukraine “On the Fundamentals of Domestic and Foreign Policy”, July 1, 2010, No. 2411-VI (with amendments).
3. Law of Ukraine “On National Security of Ukraine”, June 21, 2018, No. 469-VIII.
4. Law of Ukraine “On Defence of Ukraine”, October 5, 2000, No. 2020-III (with amendments).
5. Law of Ukraine “On the Armed Forces of Ukraine”, October 5, 2000, No. 2019-III (with amendments).
6. Law of Ukraine “On the National Security and Defence Council of Ukraine”, March 5, 1998, No. 183/98-VR (with amendments).
7. Law of Ukraine “On the Legal Regime of Martial Law”, April 6, 2000, No. 1647-III (with amendments).
8. Law of Ukraine “On the Legal Regime of Emergency State”, March 16, 2000, No. 1550-III (with amendments).
9. Law of Ukraine “On the Specifics of State Policy for Ensuring Ukraine's Sovereignty on Temporarily Occupied Territories in Donetsk and Luhansk Regions”, January 21, 2018, No. 2268-VIII.
10. Law of Ukraine “On Mobilization Preparation and Mobilization”, October 21, 1993, No. 3543-XII (with amendments).
11. Law of Ukraine “On Combating Terrorism”, March 20, 2003, No. 638-IV (with amendments).
12. Law of Ukraine “On State Forecasting and Development of Economic and Social Programs of Ukraine”, March 23, 2000, No. 1602-III (with amendments).
13. National Security Strategy of Ukraine, Presidential Decree of September 14, 2020, No. 392/2020.
14. Military Security Strategy of Ukraine, Presidential Decree of March 25, 2021, No. 121/2021.
15. Law of Ukraine “On the Fundamentals of National Resistance”, July 16, 2021, No. 1702-IX.
16. Presidential Decree “On Approval of the Military-Administrative Division of Ukraine”, February 5, 2016, No. 39/2016.
17. Strategic Defence Bulletin of Ukraine, Presidential Decree of June 6, 2016, No. 240/2016.
18. Regulations on the Ministry of Defence of Ukraine, Cabinet of Ministers of Ukraine Resolution of November 26, 2014, No. 671 (as amended by resolutions of May 11, 2016, No. 321, October 19, 2016, No. 730, and June 10, 2020, No. 466).
19. Regulations on the General Staff of the Armed Forces of Ukraine, January 30, 2019, No. 23/2019.
20. Order of the Minister of Defence of Ukraine, December 27, 2006, No. 749 “On Approval of the Regulation on Strategic Planning in the Ministry of Defence of Ukraine” (as amended by the Order of the Ministry of Defence of Ukraine dated September 21, 2015, No. 499).

21. White Paper 2019-2020: Armed Forces of Ukraine, State Special Transport Service.
22. Order of the Minister of Defence of Ukraine and the Commander-in-Chief of the Armed Forces of Ukraine “On Organization of Short-Term Planning for the Maintenance and Development of the Armed Forces of Ukraine for 2021, 2022”.
23. Order of the Ministry of Defence of Ukraine, December 15, 2017, No. 665 “On the Implementation of International Cooperation by the Ministry of Defence of Ukraine and the Armed Forces of Ukraine”.
24. Methodological Recommendations for Preparing Military Units and Subunits of the Armed Forces of Ukraine for Participation in PPZK KOM Activities. – Kyiv: General Staff of the Armed Forces of Ukraine, 2009. – 144 p.
25. Fundamentals of Military Security of Ukraine: Textbook / Duz-Kriatchenko O.P., Grytsai P.M., Hryshchenko V.P., et al. – Kyiv: National University of Defence of Ukraine named after Ivan Cherniakhovsky, 2017. – 204 p.
26. Fundamentals of Strategic Management in the Military Sphere: Teaching Aid / Duz-Kriatchenko O.P., Punda Yu.V., Hryshchenko V.P., et al. – Kyiv: National University of Defence of Ukraine, 2011. – 68 p.
27. Doctrine “Joint Planning”. Approved by the Order of the Commander-in-Chief of the Armed Forces of Ukraine dated December 22, 2020, No. 225.
28. Methodology for Conducting Multidimensional Comparative Analysis in the Fields of National and Military Security (Calculation Task) / Kosevtsov V.O., Hryshchenko V.P., Yavon O.I. – Kyiv: National University of Defence of Ukraine, 2017. – 44 p.

Topics and Distribution of Study Time by Types of Educational Activities

№	Types of Educational Activities and Assessment Methods	Hours, total	Including		Topic Titles and Educational Questions
			Classroom hours	Self-Study	
1	2	3	4	5	6
Topic 1: International Security					
1.	Interactive Lecture*	3	2		Lesson 1. Fundamentals of the Modern International Security System 1. Essence and Content of the Modern International Security System. 2. Actors in the Modern International Security System.
2.	Guided Discussion*	3/2*	2/1*		Lesson 2: The Role of the UN, OSCE, and CoE in the Modern International Security System 1. The UN as the Leading Organization in the Modern International Security System. 2. The OSCE and CoE in the Modern International Security System.
				1	Preparation tasks for the seminar.
3.	Guided Discussion*	3	2		Lesson 3: The EU and NATO in the Modern International Security System 1. The Role of NATO in the Modern International Security System. 2. The Role of the EU in Shaping the European Security System.
				1	Preparation tasks for the seminar.
4.	Guided Discussion*	3	2		Lesson 4: Ukraine's Relations with Post-Soviet States 1. International Organizations in the Post-Soviet Space. 2. Ukraine's Relations with Post-Soviet States in the Context of Russian Aggression.
				1	Preparation tasks for the seminar.
5.	Syndicate Work*	5	4		Lesson 5: The Role of International Security Organizations in Crisis Management, Considering the Experience of Large-Scale Russian Aggression Against Ukraine 1. The Capabilities of the UN, OSCE, and CoE Considering the Experience of Large-Scale Russian Aggression against Ukraine. 2. The Impact of NATO and the EU on the Course of Large-Scale Russian Aggression against Ukraine.
				1	Preparation of a report (presentation, briefing) on the roundtable topic

1	2	3	4	5	6
6.	Guided Discussion*	3	2		Lesson 6: International Cooperation of the Ministry of Defence of Ukraine and the Armed Forces of Ukraine 1. Regulatory Framework for International Military Cooperation. 2. Participation of the Ukrainian Armed Forces in International Cooperation Activities.
				1	Finalize group work material, paying special attention to the specifics of international military cooperation of the Ministry of Defence of Ukraine and the Armed Forces of Ukraine in the context of large-scale aggression.
7.	Syndicate Work*	7	4		Session 7: My Vision of the Implementation of Ukraine's Euro-Atlantic Course 1. Defence of the Essay.
				3	Preparation of the essay and presentation materials.
Topic 2: National Security					
8.	Interactive Lecture*	2	2		Lesson 1. Key Provisions of Ukraine's National Security. 1. Theoretical foundations of the state's national security. 2. Current state and methods for ensuring Ukraine's national security.
9.	Guided Discussion	3	2		Lesson 2. Conceptual Foundations of Ukraine's National Security Strategy. 1. Legislative (legal) basis of Ukraine's National Security Strategy. 2. Conceptual foundations of Ukraine's National Security Strategy. Review the group session material, focusing on the conceptual foundations of Ukraine's National Security Strategy.
				1	Review the group session material, focusing on the conceptual foundations of Ukraine's National Security Strategy.
10.	Syndicate Work	3	2		Lesson 3. Issues in Ensuring Ukraine's National Security Amid Armed Aggression by the Russian Federation. 1. Strategy for ensuring Ukraine's national security during military aggression. 2. Issues in ensuring Ukraine's national security in response to Russian armed aggression.
				1	Prepare for the seminar as per the plan.
11.	Interactive Lecture*	2	2		Lesson 4. Key Provisions of Ukraine's Military Security. 1. Theoretical foundations of state military security. 2. Current state and methods for ensuring Ukraine's military security.
12.	Guided Discussion	3	2		Lesson 5. Conceptual Foundations of Ukraine's Military Security Strategy. 1. Conceptual foundations of the state's national security. 2. Current state of ensuring Ukraine's military security amid military aggression.
				1	Review the group session material, focusing on the conceptual foundations of Ukraine's Military Security Strategy.
13.	Syndicate Work	4	2		Lesson 6. Issues in Ensuring Ukraine's Military Security Amid Armed Aggression by the Russian Federation. 1. Strategy for ensuring Ukraine's military security during military aggression. 2. Issues in ensuring Ukraine's military security in response to Russian armed aggression.
				2	Prepare for the seminar as per the plan.

1	2	3	4	5	6
14.	Interactive Lecture	2	2		Lesson 7. Key Provisions of Ukraine's National Military Strategy. 1. The essence of Ukraine's national military strategy. 2. Tasks of Ukraine's national military strategy.
15.	Guided Discussion*	3	2		Lesson 8. Foundations of the Functioning of Ukraine's Security and Defence Sector, Considering the Experience of Repelling Russian Armed Aggression. 1. Foundations for employing the state's security and defence sector. 2. Main functions and tasks of Ukraine's security forces, considering the experience of repelling Russian aggression.
				1	Review the group session material, focusing on the main functions and tasks of Ukraine's security forces.
16.	Guided Discussion*	3	2		Lesson 9. Fundamentals of National Resistance. 1. Theoretical foundations of national resistance. 2. Components of national resistance, their main functions, and tasks. Review the group session material, focusing on the main functions and tasks of the components of national resistance.
				1	Review the group session material, focusing on the main functions and tasks of the components of national resistance.
17.	Syndicate Work	4	2	2	Lesson 10. Issues in Organizing Comprehensive Defence, Considering the Experience of Repelling Russian Armed Aggression. 1. Legislative and legal framework for Ukraine's comprehensive defence. 2. Issues in organizing comprehensive defence, considering the experience of repelling Russian aggression.
18.	Control Session*	6	2/1*		Final Test.
				4	Preparation for the final test.

4.2. Academic discipline “LEADERSHIP”

The general purpose of the discipline: To ensure the ability of the officer to communicate and apply leadership skills to implement tactical tasks within the framework of current international and national legislation at the level of battalion, regiment, brigade and their equivalents.

Knowledge, skills and abilities of the student to be demonstrated as a result of the training:

- 1.To apply the principles of team building at the battalion, regiment, brigade and equivalent levels.
- 2.Apply the basics of public speaking for military leaders.
- 3.Use elements of strategic communications at the battalion, regiment, brigade level.
- 4.To be guided by the norms of international humanitarian law and national legislation in the military sphere, including issues of observance of social guarantees, rights and obligations of servicemen during military service, including during the legal regime of martial law.

Organizational and methodological guidelines:

Organizational and methodological measures:

Prior to the classes, students should be given assignments to familiarize themselves with the provisions of fundamental, guiding documents, and auxiliary publications in order to familiarize themselves with the issues in advance and engage students in discussions during the classes.

Material and technical support:

Classrooms should be equipped with modern multimedia equipment with the ability to connect to Internet resources.

Information and methodological support:

Topic 1: Military leadership in the information society

1. Bauman Z., Fluid times. Life in the age of uncertainty / Translated from English by Anton Marchynsky. Kyiv: Krytyka, 2013.
2. Beck W. What is Globalization? Translated from German Kyiv, 2013.
3. Dodonov R. Hybrid war: in verbo et in praxi: a monograph / Vasyl' Stus Donetsk National University/edited by Prof. R.O. Dodonov. Vinnytsia: Nilan Ltd, 2017.
4. Conceptual approaches of NATO and the EU to ensuring the resilience of the state and society in the sphere of national security // National institute for strategic studies. March, 2018. Kyiv, 2018.

5. Organizational behavior of the leader / D. Gellrigel, J.W. Slocum, R.W. Woodman, N.S. Brenning / K.: Solomiya Pavlychko Publishing House "Osnovy", 2014. 726 c.
6. Osodlo V.I., Budahyants L.M. Socio-philosophical and psychological aspects of modern wars // V.I. Osodlo, L.M. Budahyants. K., 2018.
7. World hybrid war: ukrainian front: monograph / edited by V.P. Horbulin - Kyiv: NISS, 2017.
8. Theory and practice of leader formation: A Study Guide / O. Romanovskyi, T. Hura, A. Knysch, V. Bondarenko - Kharkiv, 2017.
9. Military elite in the structure of the ruling class / Tsyurupa M.V. // Political management. 2014. c. 127-140.

Topik 2. Fundamentals of oratory and rhetorical communication of a military leader

1. Efremov O.Y., Zverev S.E. Military leadership: psychology, pedagogy, rhetoric. 2013. 368 c.
2. Krasnytska Olha. Oratory in the system of professional training of a military leader. Military education: a collection of scientific papers of the Ivan Chernyakhovsky National defense university of Ukraine. № 1 (39). C. 133-141.
3. Oratory in the military professional activity of an officer. Current trends and prospects for the development of physical training and sports in the Armed Forces of Ukraine, law enforcement agencies, rescue and other special services on the path of Euro-Atlantic integration of Ukraine: materials of the international scientific and practical conference (Kyiv, February 14-15, 2019). Kyiv: NUOU, 2019. C. 59-61.
4. Krasnytska Olha. Fundamentals of public speaking and rhetorical communication: a workshop. Kyiv : CP "COMPRINT", 2019. 110 c.
5. Krasnytska Olha. Pedagogical skills of a teacher of a higher military school: a textbook. Kyiv: Condor Publishing House, 2020. 528 c.
6. Krasnytska Olha. Public speaking as a means of self-presentation of a personality. Challenges and paradoxes of social interaction in the postmodern world: linguistic and psychological aspects: materials of the first international scientific and practical conference (Lutsk, April 11-12, 2019). Lutsk: Volynpolygraph, 2019. C. 269-272.
7. Krasnytska Olha. Criteria for the effectiveness of public speaking of a teacher of a higher military school. Modern approaches and prospects and professional development of specialists of socio-economic professions. Scientific Bulletin of the Vinnytsia academy of continuing education: collection of materials: All-Ukrainian scientific and practical conference with international participation (Vinnytsia, June 19, 2020). Vinnytsia, 2020. Issue # 2 (28). C. 106-110.
8. Kunch Zoryana, Horodylovska Halyna, Shmilik Iryna. Rhetoric: a textbook. Lviv: Lviv Polytechnic Publishing House, 2016. 496 c.
9. Ovchinnikova Albina. Rhetoric as a social and cultural phenomenon: a course of lectures. Kherson: OLDIPLUS, 2020. 176 c.

Topic 3. Psychological aspects of the activity of the officer-leader

1. Alushyna N.O. Time management of an official: the art of planning and managing own time. K.: NAPA, 2015. 40 p.
2. Antonio Meneghetti. Psychology of the leader. Terraviva Invest. 1st edition, 2018. 282 c.
3. Military psychology and leadership in Ukraine: problems and challenges during the cycle of deployment of combat operations / manual. Patriot Defense. 2018. 263 c.
4. Covey Steven. The most important thing first! To live, to love, to learn, to leave a mark / Covey Stephen, Merrill Roger, Merrill Rebecca. - UNISOFT, 2018. - 383 p.
5. Course “Military Leadership” // Distance Learning Platform - Central Repository of Resources of the Distance Learning System of the Armed Forces of Ukraine.
6. Course “Gender Equality and the Basics of Gender Policy in the Armed Forces of Ukraine” // Distance Learning Platform - Central Repository of Resources of the Distance Learning System of the Armed Forces of Ukraine.
7. Organizational behavior of the leader / D. Gelrigel, J.W. Slocum, R.W. Woodman, N.S. Brenning / K.: Solomiya Pavlychko Publishing House “Osnovy”, 2014. 726 c.
8. About innovations. 10 best articles from the Harvard Business Review; Translated from English by L. Lebedenko. K.: KM-Books Publishing Group, 2018. 214 c.
9. About Leadership. 10 best articles from Harvard Business Review; Translated from English by O. Lobastova. K. : KM-Books Publishing Group, 2018. 216 c.
10. About strategic leadership. 10 best articles from Harvard Business Review; Translated from English by O. Lobastova. K. : KM-Books Publishing Group, 2018. 233 c.
11. About human resources management. 10 best articles from Harvard Business Review; Translated from English by L. Lebedenko. K. : KM-Books Publishing Group, 2018. 256 c.
12. Socio-psychological portrait of a military professional: collection of abstracts. International scientific - practical conference, December 14-15, 2017 / MoD of Ukraine, Zhytomyr S.P. Korolev military. institute. Zhytomyr: ZHVI, 2017. 176 c.
13. Tatenko V.O. ЛідерXXI/LEADER XXI. Social and psychological studies. K.: Korporatsia Publishing House, 2014. 198 c.
14. Theory and practice of personnel selection / O.F. Khmilyar, O.V. Krasnitska, O.V. Nedviga: textbook. K. : CP “Komprint”, 2018. 303 c.
15. Khmilyar O., Moskalev I., Ilyushchenko S. et al. Conception of leadership in accordance with the armiesstandards of NATO countries: a textbook. Kyiv: Ivan Chernyakhovsky National university, 2018. 252 c.

Topic 4. Fundamentals of strategic communications

1. Fundamentals of strategic communications in the field of national security and defense: a textbook - Kyiv: Ivan Chernyakhovsky National University, 2020 - 86 p.

2. Civil-military Cooperation in accordance with NATO Standards: Study Guide - Kyiv: Ivan Chernyakhovsky National University, 2016 - 92 p.

3. Basic and introductory courses “Strategic Communications” and audio lectures “Civil-Military Cooperation” // Distance Learning Platform - Central Repository of Resources of the Distance Learning System of the Armed Forces of Ukraine.

4. Democratic Civilian Control over the Security and Defense Sector of Ukraine: a textbook - K.: Ivan Cherniakhovskyi National University, 2019. 88 p.

Topic 5. Teambuilding

1. Alushyna N.O. Time management of an official: the art of planning and managing your time. K.: NAPA, 2015. 40 p.

2. Beck W. What is globalization?/Kyiv, 2017

3. Covey Stephen. The most important thing first! To live, to love, to learn, to leave a mark / Covey Stephen, Merrill Roger, Merrill Rebecca. - UNISOFT, 2018. - 383 p.

4. Organizational behavior of the leader / D. Gelrigel, J.W. Slocum, R.W. Woodman, N.S. Brenning - K.: Solomiya Pavlychko Publishing House “Osnovy”, 2014. 726 c.

5. Osodlo V.I., Budahyants L.M. Socio-philosophical and psychological aspects of modern wars // V.I. Osodlo, L.M. Budahyants. K., 2018.

6. Social psychology of military management: textbook / edited by V.Zh. Bohaychuk - K.: Ivan Chernyakhovsky National University, 2020. 248 p.

7. Socio-psychological portrait of a military professional: collection of abstracts of the International. Scientific and Practical Conference, December 14-15, 2017 / Ministry of Defense of Ukraine, Zhytomyr Military. S.P. Korolev Institute. Zhytomyr: ZHVI, 2017. 176 c.

8. Theory and Practice of Leader Formation: A Study Guide / O. Romanovskyi, T. Hura, A. Knysch, V. Bondarenko - Kharkiv, 2017.

Topic 6. Legal basis of the Armed Forces of Ukraine

1. Military administration: textbook / M.M. Tyshchenko, V.V. Bogutskyi, E.I. Hryhorenko; under the editorship of M.M. Tyshchenko. 2nd edition, revised and supplemented - Kharkiv: Pravo, 2014. 364 p.

2. Legal work in the Armed Forces of Ukraine: Study guide. Kirilenko V.I.K. REC “Military Institute”.

3. Pashynskyi V.Y. Ensuring the defense of Ukraine: administrative and legal aspects: a monograph / V.Y. Pashynskyi. Pashynskyi V.Y. - Kyiv - Education of Ukraine, 2018. - 410 p.

4. Military law. Textbook / edited by I.M. Koropatnik, I.M. Shopina. K.: Alerta, 2019. - 648 p.

5. Military law. Textbook / team of authors; edited by A.M. Kolodiy, O.V. Krivenko. Kyiv. NUOU. 392 p.

Topic titles and distribution of study time by types of lessons

№	Types of study activities, assessment measures	Total hours	Including		Topic title and study questions
			Classroom hours	Self-study	
1	2	3	4	5	6
Topic 1: Military Leadership in the Information Society					
1.	Interactive lecture*	3	2		Lesson 1: Peace and war in postmodern society. 1. The third wave of civilization. 2. War and anti-war of the XXI century (changing approaches to security and armed struggle).
				1	Problems of politics and war in Sun Tzu's Treatise on the Art of War and Plato's The Republic.
2.	Discussion under guidance	3	2		Lesson 2: Philosophy, science and culture of security and defense management. 1. Present and future of social institutions and organizations of the information society. 2. New competencies of a military leader
				2	The main ideas of Machiavelli's works "The Prince" and "Art of War" and their place in the development of political and military science
3.	Discussion under guidance	3	2		Lesson 3: Military leadership in democracies. 1. Civil society, state and armed forces of European countries. 2. The concept of shared responsibility for military security and defense (civil-military, private-public cooperation).
				2	Managing the process of armed struggle according to Clausewitz's On War.
4.	Work in syndicates**	3	2		Lesson 4. Socio-philosophical and philosophical-political aspects of postmodern military leadership. 1. Problems of war and peace, state and army in the philosophy of the ancient world, philosophical systems of the Middle Ages and the Renaissance. 2. Philosophical approaches to war and peace in the theories of modern German classical philosophy. Modern philosophical doctrines of war and armed struggle, their connection with military theory and practice.
				2	1. The main ideas of P. Sorokin's work "Social Stratification and Mobility". 2. The main ideas of R. Aron's work "Peace and War between Nations".
5.	Interactive lecture*	3	2		Lesson 5. Military ethics from an axiological and pragmatic point of view. 1. Philosophy of military morality. 2. Moral capital of a military leader.
				1	The Ethical Potential of the Code of Honor of an Officer of the Armed Forces of Ukraine.

1	2	3	4	5	6
6.	Discussion under guidance	3	2		Lesson 6. Relations of the state and the armed forces with religious organizations in democracies. 1. Scientific religious studies as a basis for the activities of state institutions and organizations in Ukraine. 2. Freedom of conscience as a basic principle of relations between a secular state and its armed forces and religious organizations. 3. Religious aspects of the military leader's activity
				1	1. The Law of Ukraine "On Freedom of Conscience and Religious Organizations" and its significance in military and social administration. 2. Interpretations of war in leading religious traditions.
7.	Work in syndicates*	3	2		Lesson 7. Moral, ethical and religious competencies of a military leader. 1. Specificity of military morality as a normative and regulatory system. 2. Philosophy of the military leader's integrity. 3. The relationship between religious and political and national types of cultural identity. Principles of relations between the state and the armed forces and religious organizations in democracies. 4. Religious situation in peacetime and wartime (what a military leader should take into account).
				1	The concepts of political national idea and civic and state identity.
Topic 2. Fundamentals of oratory and rhetorical communication of a military leader					
8.	Interactive lecture*	3	2		Lesson 1: Public speaking in the activities of a military leader. 1. The role and place of oratory in the activities of a military leader. 2. Features of public speaking of famous world speakers. 3. Characteristics of a public speech of a military leader.
				1	Types of etiquette. Military etiquette.
9.	Interactive lecture*	3	2		Lesson 2: Informational speeches in the activities of a military leader. 1. Criteria for the effectiveness of public speaking. 2. Presentation by officers of an informational speech on a specific topic. 3. Analysis and discussion of public speeches.
				1	Peculiarities of establishing professional and pedagogical communication in a military unit.
10.	Interactive lecture*	3	2		Lesson 3: Strategy and tactics of public speaking by a military leader. 1. Strategy of public speaking of a military leader. 2. Tactics of public speaking by a military leader.
				1	Speech and etiquette culture of a military leader.
11.	Demonstration and execution of activities *	3	2		Lesson 4. Public speech of the commander. 1. Analysis of public speeches of famous commanders in combat conditions. 2. Presentation of motivational speech by officers. 3. Analysis and discussion of public speeches.
				1	Etiquette requirements for the culture of behavior and speech of a military leader.

1	2	3	4	5	6
12.	Interactive lecture*	3	2		Lesson 5. Composition of a public speech by a military leader. 1. The effect of the edge in public speaking. 2. Features of the presentation of basic information in a public speech.
				1	Culture of professional and pedagogical communication of a military leader
13.	Demonstration and execution of activities	3	2		Lesson 6. Public speech of a military leader based on argumentation. 1. Presentation by officers of a public speech based on argumentation. 2. Analysis and discussion of public speeches.
				1	Describe when communication effectiveness reduces performance.
Topic 3. Psychological aspects of the leader officer's activity					
14.	Discussion under guidance	3	2		Lesson 1. Socio-psychological profile of an officer-leader. 1. Psychology of the leader officer's personality. 2. Roles of the military leader. 3. Professionally important qualities of an officer as a strategic leader.
				1	To determine the psychological features of the management activity of a military leader.
15.	Demonstration and execution of activities	3	2		Lesson 2. Behavior strategies of a leader in a conflict situation. 1. Formulas for the occurrence of conflicts. 2. Strategies for resolving various types of conflicts by a strategic leader. Cartography of the conflict. 3. Practical resolution of conflict situations.
				1	Mutual understanding and the ability to compromise as a psychological basis for resolving interpersonal conflicts in a military environment.
16.	Discussion under guidance	3	2		Lesson 3. Peculiarities of the formation of motivational strategies of the officer-leader. 1. Motivational strategies and personality orientation. 2. Internal and external aspects of motivation of human behavior. 3. Intangible ways of motivating military service.
				1	The main motivators of the managerial activity of a military leader as a leading officer and the peculiarities of their use in military practice.
17.	Demonstration and execution of activities	3	2		Lesson 4. Gender aspects of the managerial activity of the leader officer. 1. Training "Gender interaction of personnel: old challenges and new opportunities".
				1	Problems of integrating the principle of equal rights and opportunities of men and women into military-professional activity.
18.	Work in syndicates**	6	4		Lesson 5. Defense of the author's project by students 1. Presentation (defense) by students of the author's project (essay): "My path to military leadership, or why the environment should choose me as a leader."
				2	Leadership in the structure of military professional activity of an officer.
Topic 4. Basics of strategic communications					

1	2	3	4	5	6
19.	Interactive lecture*	3	2		Lesson 1. Strategic communications in the Armed Forces of Ukraine. 1. Strategic communications in the security and defense sector of Ukraine. 2. Implementation of the components of strategic communications by the commander of the military unit.
				1	Get acquainted with the Strategic Communications Partnership Roadmap.
20.	Work in syndicates**	5	4		Lesson 2. The role of public relations in the formation of public opinion. 1. Communication of servicemen with mass media. Media literacy. 2. Organization of relations with the public in the area of the operation of the United Forces. 3. Crisis communications.
				1	Familiarize yourself with the Doctrine of Public Communication.
21.	Demonstration and activities	3	2		Lesson 3. Democratic civilian control in the field of defense. 1. The role of democratic civilian control in ensuring national security and defense. 2. The work of the commander of a military unit to ensure democratic civilian control.
				1	In the role of commander of a military unit, give examples of ensuring democratic civilian control.
22.	Discussion under guidance	3	2		Lesson 4. Civil-military cooperation. 1. Organization of civil-military cooperation in the Armed Forces of Ukraine. 2. Implementation of civil-military cooperation measures in the area of the operation to repel the armed aggression of the Russian Federation by the commander of the military unit.
				1	Familiarize yourself with the Doctrine of Civil-Military Cooperation.
23.	Demonstration and activities *	8	6		Lesson 5. Preparation and briefing of the commander of the military unit based on the results of the combat mission. 1. Preparation of the commander of the military unit for the briefing on the results of the combat mission. 2. Briefing of the commander of the military unit based on the results of the combat mission.
				2	Prepare for the briefing according to the given crisis situations.
Topic 5. Teambuilding					
24.	Interactive lecture*	3	2		Lesson 1. Modern paradigms of leadership. 1. Evolution of the phenomenon of leadership in modern society and its research in social sciences. 2. Model of leadership and management in modern conditions.
				1	Variants of the behavior of the officer-leader in different conditions of the combat situation.
25.	Discussion under guidance	3	2		Lesson 2. Groups and group dynamics in the armed forces as an object of military management. 1. The nature of intra-group processes, their content, organization and managerial influence on them. 2. Theory of social stratification.
				1	Self - study: Roles of a military leader. Leadership fee.
26.	Discussion under guidance	3	2		Lesson 3. Principles and methods of Teambuilding. 1. Command as a result of leadership and management. 2. Distributed leadership and delegation of authority as an element of effective leadership. 3. Teambuilding in the context of performing team duties.

1	2	3	4	5	6
				1	Styles of interpersonal interaction of a military leader.
27.	Discussion under guidance	3	2		Lesson 4. Psychology of teamwork of an officer-leader. 1. Models and stages of team development. Components of the team building process. 2. Principles and methods of team formation.
				1	To determine the main ways of developing a positive image of an officer-leader.
28.	Interactive lecture*	3	2		Lesson 5. Leadership is a challenge to change. 1. Classification and typology of problems. 2. Changes and development of the military organization.
				1	To analyze the modern mechanisms of improving the space-time activity of the military leader.
29.	Demonstration and activities *	7	6		Lesson 6. Team dialogue. 1. Team dialogue "Culture as a regulator of the behavior of the officer-leader" (visiting cultural and historical places of the capital).
				1	Modern socio-humanitarian knowledge about the sources of social changes and "models" of the historical process.
Topic 6. Legal basis of activity of the Armed Forces of Ukraine					
30.	Interactive lecture*	4	2		Lesson 1. Military legislation of Ukraine is the legal basis of the activity of the Armed Forces of Ukraine. 1. Military legislation in the legal system of Ukraine. Legal assurance of the activities of the defense forces. 2. Normative and legal regulation of the fight against terrorism, measures to ensure national security and defense, repel and deter armed aggression of the Russian Federation. 3. Normative and legal regulation of gender equality in Ukraine.
				2	Legal status of servicemen of the Armed Forces of Ukraine.
31.	Work in syndicates	4	2		Lesson 2. Actual problems of legal regulation of the Armed Forces of Ukraine. 1. Legal regulation of defense of Ukraine, legal regimes of martial law and state of emergency. 2. Legal regulation of the participation of the Armed Forces of Ukraine in the Russian-Ukrainian war. 3. Legal basis of military service and social protection of servicemen. Peculiarities of social protection for participants in the Russian-Ukrainian war. 4. Legal foundations of gender equality in the Armed Forces of Ukraine.
				2	Self - study: Legal regulation of recruitment and completion of military service under a contract.
32.	Interactive lecture*	4	2		Lesson 3. Legal regulation of civil, economic and labor relations in the Armed Forces of Ukraine. 1. Legal regulation of civil relations in the Armed Forces of Ukraine. 2. Legal regulation of economic relations in the Armed Forces of Ukraine. 3. Legal regulation of labor relations in the Armed Forces of Ukraine.
				2	Liability of servicemen for material and moral damage caused.

1	2	3	4	5	6
33.	Work in syndicates*	4	2		Lesson 4. Peculiarities of participation of military units in civil and economic legal relations and legal regulation of labor relations in the Armed Forces of Ukraine. 1. Participation of military units and servicemen in civil legal relations. 2. Concepts, types, procedure for concluding and terminating an employment contract. 3. Legal bases and procedure for conducting business activities in the military units of the Armed Forces of Ukraine.
				2	Legal regulation of the organization of accounting of material resources in military units and units of the Armed Forces of Ukraine
34.	Control session*	4	2		Test.
				2	Prepare for answers to exam tickets.

4.3. Academic discipline “DAILY ACTIVITIES OF DIVISIONS”

The general purpose of the discipline: To ensure the ability of the officer to navigate the issues of maintaining combat and mobilization readiness, combat training of the military unit, to determine the roles and tasks of the relevant units and services.

Knowledge, skills and abilities of the student to be demonstrated as a result of the training:

1. Organize and conduct individual training with military personnel and collective training with structural units of the military unit.
2. Assess the state of combat readiness of the unit, military unit and be guided in the tasks of officials of the headquarters, units and services of the military unit to mobilize and bring the military unit to combat readiness.

Organizational and methodological instructions:

Organizational and methodological measures:

Prior to the classes, students should be given assignments to familiarize themselves with the provisions of fundamental, guiding documents and auxiliary publications in order to familiarize themselves with the issues in advance and to engage students in discussion during the classes.

Material and technical support:

Classrooms should be equipped with modern multimedia equipment with the ability to connect to Internet resources. To conduct classes on combat and mobilization readiness, it is necessary to use classrooms that provide for work with restricted documents.

Information and methodological support:

1. The Law of Ukraine “On mobilization training and mobilization” (as amended).
2. The Law of Ukraine “On military duty and military service” of 25.03.1992 № 2232-XII (as amended).
3. The budget code of Ukraine of 21.06.2010, No. 2542-III, VVR, No. 37-38.
4. Commercial code of Ukraine of January 16, 2003, No. 436-IV.
5. Decree of the President of Ukraine “On approval of the regulation on military service in the Armed Forces of Ukraine by citizens of Ukraine” of 10.12.2008, No. 1153 (as amended).
6. Order of the Minister of Defence of Ukraine of 10.04.2009 No. 170 “On approval of the Instruction on the organization of implementation of the regulation on military service of citizens of Ukraine in the Armed Forces of Ukraine” (as amended).

7. Order of the Minister of Defense of Ukraine and the Commander-in-Chief of the Armed Forces of Ukraine of 23.11.2020 4t/6t “On approval of the procedure for assessing combat, mobilization readiness, readiness to function in a special period in the Ministry of Defense of Ukraine and the Armed Forces of Ukraine”.
8. Order of the Ministry of Defense of Ukraine of 20.12.2019 No. 653 “Issues of career management of the military personnel of the Armed Forces of Ukraine who are on contractual Service”.
9. Order of the Ministry of Defense of Ukraine of 26.05.2014 No. 333 “On approval of the instruction on the organization of personnel records of the Armed Forces of Ukraine”;
10. Order of the Minister of Defense of Ukraine of 26.04.2007 No. 0095-bg “On approval of the regulation on the degrees of combat readiness of the Armed Forces of Ukraine”.
11. Order of the Ministry of Defense of Ukraine and the General Staff of the Armed Forces of Ukraine of 15.12.2017 No. 19 DSK “On approval of the instruction on preparation and conduct of mobilization deployment of the Armed Forces of Ukraine”.
12. Order of the Commander-in-Chief of the Armed Forces of Ukraine of 14.05.2020 No. 31 “On approval of the procedure for organizing the provision of training of troops (forces) of the Armed Forces of Ukraine with military training equipment”.
13. Order of the General Staff of the Armed Forces of Ukraine of 26.10.2016 No. 398 DSK “On approval of the guidelines for the organization of manning the Armed Forces of Ukraine in a special period”.
14. Order of the General Staff of the Armed Forces of Ukraine of 04.04.2019 No. 138 “On approval of the manual on manning the Armed Forces of Ukraine with Personnel”.
15. Doctrine on the organization of training in the Armed Forces of Ukraine. Approved by the Chief of the General Staff of the Armed Forces of Ukraine on 03.07.2020 No. 1929/NVGSh.
16. Doctrine “Joint Personnel Support”, VD 2.01.1.021, July 2020.
17. Guidelines for combat training in the Armed Forces of Ukraine. Approved by the Chief of the General Staff of the Armed Forces of Ukraine on 08.10.2020 No. 24148 / C.
18. Mobilization 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 mobilization deployment of the Armed Forces of Ukraine” (as amended).
19. Directive of the General Staff of 06.03.2014 No. 6 “On approval of the table of urgent reports of the Armed Forces of Ukraine on personnel issues and training of military specialists”
20. Methodological manual on the classification and accounting of losses of personnel of the Armed Forces of Ukraine, approved by the NGSB-GC of the Armed Forces of Ukraine on 24.10.2019.
21. ADP 7-0 Training. July 2019.
22. FM 7-0 Train to win in complex world, May 2016.
23. Daily activities of military organizational structures: Textbook / authors team . - K. : NUOU, 2023. - 453 p. Inv. No. 18123.

24. Daily activities of military units. PART II. Combat training of a military unit: textbook / team of authors. - Kyiv: Ivan Cherniakhovskyi National University, 2020. 208 p. Inv. no. 17486.

25. Personnel management in the Armed Forces of Ukraine: textbook / team of authors - Kyiv: Ivan Chernyakhovsky National University, 2022. 132 p.

26. Collective training of headquarters, military unit: a textbook / team of authors. - Kyiv: Ivan Chernyakhovsky National University, 2019. 96 p. Inv. no. 17104.

27. Personnel services job to improve the system of manning the Armed Forces of Ukraine in the conditions of hybrid war (special period): a textbook / team of authors. - Kyiv: Ivan Chernyakhovsky National University, 2019. 52 p.

Mobilization and bringing a military unit to combat readiness: a textbook / team of authors. - K.: NUOU, 2023. 80 p.

Topic titles and distribution of study time by types of lessons

№	Types of study activities, assessment measures	Total hours	Including		Topic title and study questions
			Auditory hours	Self-study	
Topic 1. Theory of military art					
	Interactive lecture*	3	2		Lesson 1. Fundamentals of tactics in air assault forces. 1. Tactics - a component of the art of war. 2. Development of air assault troops tactics based on the experience of the russo-ukrainian war.
	Work in syndicates	6	4		Lesson 2. Development of air assault troops tactics based on the experience of modern wars and armed conflicts. 1. Development of air assault troops tactics in the 20th century. 2. Major Changes in the Tactics of Air Assault Troops in the 21st Century.
				2	
	Interactive lecture*	3	2		Lesson 3. Fundamentals of troops command and control. 1. Command and control of troops and its organization in modern conditions. 2. Troops command and control system and the requirements for it at the current stage of development of the armed forces of ukraine.
	Interactive lecture*	3	2		Lesson 4. Fundamentals of the military decision-making process. 1. General characteristics of methods and styles of commanders and staffs in decision-making for command tasks. Methods of combat planning. 2. Decision-making as the foundation of command. Methods of formulating decisions, communicating combat tasks, and combat planning. 3. Methods of organizing interaction, providing support, and controlling execution.
	Discussion* under guidance	3	2		Lesson 5. Organization of the circulation of information at the military formation command post. 1. Procedures for the circulation of information at the military formation command post. 2. General characteristics of reporting and information documents at the military formation command post.
				1	

Work syndicates	in 6	4	Lesson 6. Fundamentals of troops command and control theory. 1. Alignment of the modern command and control system with its requirements. 2. Methods used by commanders and staffs during operation (combat) preparation. 3. Decision-making as the foundation of troops command and control. issues in formulating rational decisions and ways to resolve them.
		2	1. Prepare responses to seminar questions and be ready to participate in their discussion. 2. Prepare a paper (report, presentation) on the organization of command and control in a battalion (brigade) based on the experience of the russo-ukrainian war.
Interactive lecture*	3	2	Lesson 7. Fundamentals of Combined Fire Support. 1. Capabilities and Functions of Combined Fire Support. 2. Basics of Planning and Coordination of Combined Fire Support.
		1	Study the organizational structure and armament of combined fire support units.
Interactive lecture*	3	2	Lesson 8. Fundamentals of Army Aviation engagement. 1. Key Concepts of Army Aviation Combat Operations in Armed Conflicts and Based on the Experience of Repelling Full-Scale Aggression Against Ukraine. 2. The Essence of Close Air Support. 3. Distribution of Authority.
		1	Study the Organizational Structure and Armament of Army Aviation Units.
Interactive lecture*	3	2	Lesson 9. Employment of tactical aviation of the air force in combined fire engagements and aviation support of troops. 1. General principles of aviation employment in combined fire engagements and aviation support of troops. 2. Planning the use of tactical aviation in combined fire engagements and aviation support of troops. 3. Engagement of tactical aviation in coordinated fire strikes.
		1	Study the Combat Capabilities of Assault and Bomber Aviation.
Interactive lecture*	3	2	Lesson 10. Naval forces and their role in protecting national interests at sea. 1. Conclusions and lessons from the experience of repelling full-scale armed aggression by the russian federation against ukraine from maritime directions. 2. Modern trends and future prospects in maritime warfare.
		1	Study the role, tasks, current status, and future prospects of the naval forces of the armed forces of ukraine.
Work syndicates	in 6	4	Lesson 11. Fundamentals of combined fire support. 1. Alignment of modern combined fire support with its requirements. 2. Fire engagement of the enemy by army aviation based on the experience of repelling full-scale aggression against ukraine. 3. Specifics of employing tactical aviation in combined fire engagements and aviation support of troops.
		2	Prepare responses to seminar questions and be ready to participate in their discussion.

Interactive lecture*	3	2		Lesson 12. Engineering support for military units and subunits in combat. 1. General principles of engineering support in combat. 2. Combat employment of brigade engineering unit.
			1	Study the principles of combat employment of engineering units.
Interactive lecture*	3	2		Lesson 13. Organization and execution of chemical, biological, radiological, and nuclear (CBRN) protection tasks for a brigade in major types of combat. 1. Environmental conditions that define the content and organization of CBRN protection for a brigade in combat. 2. Content of key CBRN protection tasks for a brigade in combat, their scope, and execution procedures.
			1	Study the Basic Principles of CBRN Protection for a Brigade in Combat.
Discussion* under guidance	3	2		Lesson 14. Organization of geospatial support for troops (forces). 1. Fundamentals of geospatial support for troops (forces). 2. Specifics of providing troops with topogeodetic information according to NATO standards.
			1	Conduct an analysis of the execution of geospatial support tasks based on the experience of repelling full-scale armed aggression by the russian federation against Ukraine (Joint Forces Operation).
Interactive lecture*	3	2		Lesson 15. Organization and conduct of electronic warfare in general military combat. 1. Electronic warfare (EW) as a component of troop (force) support. 2. Objectives, tasks, and specifics of organizing and conducting ew in general military combat.
			1	Study the role, organizational structure, and combat capabilities of electronic warfare units of the armed forces of ukraine.
Interactive lecture	3	2		Lesson 16. Enemy (russian federation) electronic warfare capabilities. 1. Key characteristics of enemy (russian federation) electronic warfare assets. 2. Specifics of combat employment of enemy (russian federation) electronic warfare capabilities
			1	Study the capabilities of key electronic warfare assets in the arsenals of NATO member countries.
Discussion under guidance	3	2		Lesson 17. Electronic warfare capabilities of the armed forces of ukraine. 1. Key characteristics of electronic warfare assets of the armed forces of ukraine. 2. Specifics of combat employment of tactical-level electronic warfare assets of the armed forces of ukraine.
			1	Study the capabilities of key electronic warfare assets in the arsenals of NATO member countries.
Discussion under guidance	3	2		Lesson 18. Brigade HQ staff duties in organizing electronic warfare in combat. 1. Assessing the situation (risks) on movement routes and the occupation of the brigade's defensive sector. 2. Developing documents related to electronic warfare for the main types of combat for the brigade.
			1	Conduct a comparative analysis of the approaches to organizing electronic warfare in combat between the armed forces of ukraine and NATO member countries.
Discussion under guidance	3	2		Lesson 19. Organization of interaction during electronic warfare tasks. 1. Main issues in the use of electronic warfare assets in general military combat and ways to resolve them. 2. Countering enemy loitering munition (kamikaze drones).
			1	Study the organizational structure and armament of electronic warfare units and enemy loitering munition (kamikaze drones).

Interactive lecture*	3	2		Lesson 20. Fundamentals of Organizing the Recovery of Military Equipment During Combat Operations. 1. General principles of equipment recovery. 2. Forces and means for technical maintenance and recovery of military equipment in a military formation.
			1	Study the basic concepts and tasks of the equipment recovery system.
Interactive lecture*	3	2		Lesson 21. Organization of logistical support for military units during combat operations. 1. Forces and means for logistical support of military units and subunits. 2. Employment of logistical support forces and means in combat operations.
			1	Study the basic concepts and tasks of the logistical support system.
Interactive lecture*	3	2		Lesson 22. Organization of medical support for a military formation in major types of combat. 1. Key medical support measures during preparation for defensive combat. 2. Key medical support measures during defensive combat. 3. Key medical support measures during preparation for offensive combat. 4. Key medical support measures during offensive combat.
			1	Study the basic concepts of medical support for a military formation in stabilization actions.
Work in syndicates	6	4		Lesson 23. Specifics of logistical and medical support. 1. Specifics of logistical and medical support for a military formation during raid operations. 2. Specifics of logistical and medical support for a military formation during water obstacle crossings.
			2	Identify the specifics of logistical and medical support for a military formation during urban defense and breakout operations.
Discussion* under guidance	3	2		Lesson 24. Fundamentals of Moral and Psychological Support. 1. The role, place, and tasks of moral and psychological support for military operations. 2. Regulatory and legal foundations of moral and psychological support for military operations.
			1	Study the requirements for the moral and psychological support system.
Discussion under guidance	3	2		Lesson 25. Standard operating procedures for the moral and psychological support structure of an air assault (airmobile) brigade during the military decision-making process (MDMP). 1. NATO standards for planning tactical operations. 2. The role of moral and psychological support personnel in the brigade during the military decision-making process (MDMP).
			1	Study the requirements of regulatory documents on moral and psychological support according to NATO standards..
Work in syndicates	3	2		Lesson 26. The morale of troops as a key indicator of effective command and control. 1. The essence and role of troop morale according to NATO standards. 2. Specifics of assessing and considering troop morale in the practice of military leaders during the military decision-making process (MDMP).
			1	Conduct an analysis of the approaches to organizing moral and psychological support between the Armed Forces of Ukraine and NATO member countries.

	Interactive lecture*	3	2		Lesson 27. Theoretical foundations of operational information security. Historical overview of operational security measures in military conflicts of the 20th and 21st centuries and their 1. impact on overall military outcomes (operations). 2. Fundamentals of commanders' and staffs' activities regarding operational security.
				1	Study NATO regulatory documents related to the topic of the lesson.
	Discussion under guidance	3	2		Lesson 28. Stages of preparing and conducting operational security measures (OPSEC Process). 1. Identification of critical information about own forces (essential elements of friendly information - EEFI) and risk assessment. 2. Selection of operational security measures, monitoring, and evaluating their effectiveness. 3. Control and provision of assistance.
				1	Develop an operational security plan.
	Work in syndicates	6	2		Lesson 29. Issues in planning operational security measures in military group operations considering the experience gained during the repulsion of full-scale armed aggression by the russian federation against Ukraine. 1. Procedures and key components of the operational security process for information operations, based on the experience gained during the repulsion of full-scale armed aggression by the Russian Federation against Ukraine. 2. Planning operational security measures in defensive operations of the Joint Forces (JF) based on the experience gained during the repulsion of full-scale armed aggression by the russian federation against Ukraine.
				1	Prepare answers to seminar questions and be ready to participate in their discussion.
	Interactive lecture*	3	2		Lesson 30. Fundamentals of communication and information systems in the armed forces of ukraine. 1. Tasks of military communication. Requirements for military communication. 2. Types and categories of military communication and their specific applications in modern conditions.
				1	Study the composition, purpose, and requirements of the communication system of the armed forces of Ukraine, and how these requirements are achieved. Understand the principles of organizing communication and the specifics of building communication systems according to NATO standards.
31.	Work in syndicates		2		Lesson 31. Organization of communication in a military formation during major types of combat. 1. Organization of communication during the preparation and conduct of defensive combat. 2. Organization of communication during the preparation and conduct of offensive combat.
				1	Prepare answers to seminar questions and be ready to participate in their discussion.
Topic 2. Location&Movement					
	Interactive lecture*	3	2		Lesson 1. Fundamentals of deployment. 1. Objectives of deployment and requirements for the location area. 2. Actions in the site area. 3. Procedure for a brigade leaving the concentration area (base camp). 4. Specifics of deployment based on the experience from the Russian-Ukrainian war.
				1	Study the requirements of regulation documents regarding the procedure for the deployment of military formations..

Work syndicates	in 6	4	Lesson 2: Actions during deployment 1. Methods of action during the occupation of a concentration area (base camp). 2. Actions of units during deployment on the terrain. 3. Methods of action during the departure from a concentration area (base camp).
		2	1. Prepare answers to the seminar questions. 2. Prepare a report (presentation, briefing) on the experience of military formations during deployment and movement in the course of the russo-ukrainian war.
Demonstration and execution of activities*	7	4	Lesson 3: Performing calculations by the staff of a military formation during decision-making for a march 1. Preparation of initial data for conducting calculations. 2. Performing calculations.
		3	Study the methodology for performing calculations by the staff of a military formation during decision-making for a march.
Interactive lecture*	3	2	Lesson 4: Fundamentals of movement 1. General principles of preparation and execution of a march. 2. General principles of preparation and execution of transportation by rail. 3. Specifics of conducting a march and combined movement based on the experience of the russo-ukrainian war.
		1	Study the requirements of regulation documents regarding the procedure for the movement of military formations.
Work syndicates	in 6	4	Lesson 5: Actions of a brigade during movement 1. Methods of action during a march. 2. Methods of action during transportation by rail.
		2	Conduct an analysis of the actions of military formations during movement based on the experience of the war with the Russian Federation, as well as contemporary wars and armed conflicts.
Demonstration and execution of activities	9	6	Lesson 6: Performing calculations by the staff of a military formation during decision-making for rail transportation 1. Preparation of initial data for conducting calculations. 2. Performing calculations.
		3	Study the methodologies for performing calculations by the staff of a military formation during decision-making for rail transportation.
Interactive lecture	3	2	Lesson 7: Fundamentals of operational security 1. General provisions for organizing and implementing operational security. 2. Actions of military formations during the execution of measures related to operational security.
		1	Study the requirements of regulation documents regarding the procedure for ensuring operational security.
Interactive lecture*	3	2	Lesson 8: Preparation and conduct of brigade air defense 1. General provisions for preparing brigade air defense. 2. Fundamentals of conducting brigade air defense. 3. Basics of air defense preparation according to NATO standards.
		1	Study the requirements of regulation documents regarding air defense preparation according to NATO standards.

Interactive lecture*	3	2	Lesson 9: Engineering support as a component of operational security 1. Basic provisions of engineering support for the security of unit operations. 2. Engineering support for the execution of tasks and security measures for units.
		1	Study the requirements of regulation documents regarding the organization of engineering support for the security of military operations.
Work in syndicates	6	4	Lesson 10: Features of organizing and implementing operational security based on the experience of the russo-ukrainian war 1. Methods of action by military formations during the execution of measures related to operational security. 2. Specifics of engineering support for the execution of tasks and security measures for units.
		2	Conduct a comparative analysis of the approaches of the armed forces of ukraine and NATO member countries regarding operational security.
Demonstration and execution of activities	9	6	Lesson 11: Headquarters work in organizing operational security 1. Developing an operational security plan.
		3	Study the methodology for performing calculations by the headquarters of a military formation during the planning of operational security measures.
Interactive lecture*	3	2	Lesson 12: Intelligence support for combat operations 1. Regulatory documents regarding intelligence activities. 2. Command and control agencies and intelligence agencies and their tasks.
		1	Study the requirements of regulation documents that govern the organization of intelligence activities.
Interactive lecture	3	2	Lesson 13: Tactical-Level Intelligence Forces and Means 1. Tactical-level intelligence agencies, reconnaissance tasks, and methods for their execution. 2. Tactical-level intelligence forces and means, and their capabilities.
		1	Study the structure and tasks of intelligence agencies at the battalion and brigade levels.
Discussion under guidance	3	2	Lesson 14: Airborne troops of the russian armed forces in defense and offense 1. Conducting defense by units and formations of the Russian airborne troops. 2. Conducting offense by units and formations of the Russian airborne troops.
		1	Include diagrams of maneuvering by the Russian airborne troops' formations during defensive and offensive combat (operations) in your notebook.
Discussion under guidance	3	2	Lesson 15: Russian airborne troops in airborne operations and air assault actions 1. Conducting air assault actions by units and formations of the russian airborne troops. 2. Actions in airborne operations by units and formations of the russian airborne troops.
		1	Include diagrams of maneuvering by the Russian airborne troops' formations during airborne operations and air assault actions (operations) in your notebook.
Work in syndicates	3	2	Lesson 16: Experience of using russian armed forces units and formations in the russo-ukrainian war 1. The use of battalion tactical groups (BTGs) of the russian army in the early stages of the war. 2. Features of the use of aerospace forces aviation during the course of the war.

			1	Investigate the specifics of the use of private military company 'Wagner' units in the russo-ukrainian war.
Discussion under guidance	3	2		Lesson 17: Intelligence assessment of the operational environment and battlefield 1. Determining the operational environment. 2. Procedures for assessing the enemy.
			1	Develop a matrix of potential enemy actions.
Discussion under guidance	3	2		Lesson 18: Procedures for tactical-level intelligence planning 1. Initial data for intelligence planning. 2. Intelligence planning procedures.
			1	Study the components of an intelligence plan.
Demonstration and execution of activities*	3	2		Lesson 19: Procedures for Calculating Enemy Forces and Capabilities 1. Initial data for performing calculations. 2. Indicators for calculating enemy combat potentials.
			1	Study the methodology for calculating enemy combat potentials.
Interactive lecture*	3	2		Lesson 20: Troop replacement 1. General provisions for the preparation and execution of troop replacement. 2. Methods of action by military formations during troop replacement.
			1	Conduct an analysis of the approaches of the armed forces of ukraine and NATO member countries regarding the preparation and execution of troop replacement.
Work in syndicates	6	4		Lesson 21: Features of preparing for and conducting troop replacement based on the russo-ukrainian war experience 1. Specifics of preparing for troop replacement based on the russo-ukrainian war experience. 2. Specifics of conducting troop replacement based on the russo-ukrainian war experience.
			2	Study the documents that are developed during the preparation for troop replacement.
Demonstration and execution of activities	9	6		Lesson 22: Tasks performed by headquarters during the preparation and execution of troop replacement 1. Analysis of initial data for troop replacement. 2. Development of the troop replacement schedule.
			3	Obtain and study the tasks and conduct preliminary calculations for troop replacement.
Interactive lecture	3	2		Lesson 23: Crossing Boundaries 1. General provisions for units crossing boundaries and coordinating actions. 2. Methods of action by military formations during the crossing of boundaries.
			1	1. Study the requirements of regulation documents regarding crossing boundaries. 2. Study the basics of organizing a commandant service.
Work in syndicates	6	4		Lesson 24: Features of Military Formations' Actions During Boundary Crossing 1. Specifics of units crossing boundaries based on the experience of the Russo-Ukrainian War. 2. Specifics of organizing commandant service based on the experience of the Russo-Ukrainian War.

			2	Conduct a comparative analysis of the approaches of the armed forces of ukraine and NATO member countries regarding the organization of boundary crossings.
Demonstration and execution of activities	9	6		Lesson 25: Headquarters work on planning commandant service 1. Methodology for developing the graphical part of the commandant service plan for a march according to NATO standards. 2. Finalizing the graphical part of the commandant service plan for a march according to NATO standards.
			3	Obtain the tasks and conduct preliminary calculations regarding the organization of commandant service.
Topic 3. Defensive Operations				
Interactive lecture	3	2		Lesson 1: The art of defense based on the experience of armed conflicts 1. The essence and content of defensive actions in historical retrospect. 2. Methods for achieving resilience and effectiveness in defense based on the experience of armed conflicts.
			1	Study examples of conducting area defense and mobile defense based on the experience of contemporary wars and armed conflicts.
Interactive lecture*	3	2		Lesson 2: Fundamentals of defensive actions 1. General provisions of defensive actions. 2. Essence, principles, and types of defense according to NATO standards. 3. Preparation and conduct of defensive actions. 4. Conduct of defensive actions based on the experience of the russo-ukrainian war.
			1	Conduct a comparative analysis of the approaches of the armed forces of ukraine and NATO member countries regarding the preparation and conduct of defense.
Work in syndicates	6	4		Lesson 3: Defensive Actions of Military Formations 1. General provisions of defensive actions. 2. Preparation for defensive actions. 3. Conduct of defensive actions.
			2	Prepare a report (presentation, briefing) on the preparation and conduct of defensive combat based on the experience of the russo-ukrainian war.
Interactive lecture*	3	2		Lesson 4: Fundamentals of conducting mobile defense and countering the enemy 1. General provisions of mobile defense. 2. Specifics of preparation and conduct of mobile defense. 3. Specifics of preparation and conduct of retrograde operations.
			1	Conduct a comparative analysis of the approaches to the preparation and conduct of mobile (maneuver) defense and countering the enemy in the armed forces of ukraine and NATO member countries.

Work syndicates	in 3	2		Lesson 5: Actions of Military Formations During Mobile Defense and Deterring the Enemy 1. General provisions of mobile defense. 2. Preparation and conduct of mobile defense. 3. Retrograde operations.
			1	Prepare a report (presentation, briefing) on the experience of preparing for and conducting mobile defense in contemporary wars and armed conflicts.
Interactive lecture*	3	2		Lesson 6: Features of preparing for and conducting combat in encirclement 1. Fundamentals of combat in encirclement. 2. Specifics of preparing for combat in encirclement. 3. Specifics of conducting combat in encirclement.
			1	Include diagrams of maneuvering during combat in surroundings in the notebook.
Work syndicates	in 3	2		Lesson 7: Preparation for and conducting combat in surroundings 1. Fundamentals of conducting combat in surroundings. 2. Specifics of preparation for conducting combat in surroundings. 3. Specifics of conducting combat in surroundings.
			1	Prepare a report (presentation, briefing) on the experience of preparing for and conducting combat in surrounding during the russo-ukrainian war.
Work syndicates	in 6	4		Lesson 8: Defensive Actions in Special Conditions 1. Specifics of preparing for and conducting defensive actions on water obstacles (sea coast). 2. Specifics of preparing for and conducting defensive actions in urban environments. 3. Specifics of preparing for and conducting defensive actions in mountainous and forested terrain. 4. Specifics of preparing for and conducting defensive actions in steppe terrain. 5. Specifics of preparing for and conducting defensive actions at night. 6. Specifics of preparing for and conducting defensive actions in the enemy's rear.
			2	1. Include diagrams of maneuvering during defensive combat in special conditions in the notebook. 2. Prepare a report (presentation, briefing) on the experience of preparing for and conducting defensive combat in special conditions during the russo-ukrainian war.
Work syndicates	in 6	4		Lesson 9: Development of defensive tactics of military formations based on the russo-ukrainian war experience 1. Methods of defensive actions of military formations. 2. Development of methods of defensive actions of military formations based on the Russo-Ukrainian War experience.
			2	1. Prepare for the roundtable discussion on the topics. 2. Prepare presentations, reports (briefings) on personal experience gained during the planning and conduct of defensive combat during the Russo-Ukrainian War.
COMPREHENSIVE METHODOLOGICAL TACTICAL TASK № 1 “ Defense of a Battalion Tactical Group ” (Tutorial)				

Discussion* under guidance	1	1		Lesson 10: STEP 1. Receipt of mission 1. Tasks performed by the headquarters during the receipt of mission. 2. Content of documents processed during the receipt of mission.
Role-playing game*	4	2		Lesson 11: Methodology of the battalion tactical group headquarters during the first step of the military decision-making process (MDMP): STEP 1. Receipt of mission 1. Methodology of the Battalion Tactical Group headquarters in processing documents for Step 1.
			2	1. Conducting time calculations. 2. Processing initial instructions from the commander. 3. Drafting Preliminary Order No. 1.
Interactive lecture	1	1		Lesson 12. STEP 2. Mission analysis (STEP 2. MissionAnalysis). 1. Tasks performed by the headquarters during mission analysis. 2. The content of the documents, which are worked out by the headquarters during the analysis of the mission.
Role-playing game	4	2		Lesson 13. Methodology of the BTG Headquarters during Step 2 of MDMP. STEP 2. Mission Analysis 1. Methodology for the BTG Commander to issue initial planning guidance (Issue COM's initial planning guidance). 2. Methodology for conducting a briefing on the results of the mission analysis (Conduct the mission analysis briefing). 3. Methodology for developing Warning Order № 2 (Develop Warning Order № 2).
			2	1. Issue the battalion tactical group commander's initial planning guidance. 2. Develop Warning Order № 2.
Discussion* under guidance	3	2		Lesson 14. Reconnaissance of the operational environment and battlefield 1. Define the Battlefield Environment. Step 1 2. Describe Environmental Effects on Operations. Step 2. 3. Evaluate the Threat. Step 3. 4. Determine Threat Courses of Action. Step 4.
			1	Analysis of the modified obstacle overlay and the approach overlay.
Role-playing game*	4	2		Lesson 15. Mission analysis. Evaluating the enemy. (Step 2 MDMP) 1. Assess the overall composition and nature of the enemy's actions in the battalion's area of operations and adjacent areas. 2. Evaluate the enemy's combat composition, affiliation, condition, combat readiness, location, disposition, and the general nature of their actions directly in the combat zone. 3. Predict the likely nature of the enemy's actions. Identify the enemy's strengths and weaknesses.
			2	Writing conclusions from the enemy evaluation (filling out formal document templates).
Role-playing game	9	6		Lesson 16. Mission analysis. Developing enemy courses of action (Step 2 MDMP) 1. Develop the enemy's courses of action template. 2. Develop enemy courses of action. 3. Develop the situation development matrix.
			3	Formulate the enemy's operational concept according to the developed courses of action.

Role-playing game	6	4		Lesson 17. Mission analysis. Developing the initial reconnaissance plan (Step 2 MDMP) 1. Develop the initial reconnaissance plan. 2. Identify key objectives and critical targets.
			2	Complete the development of the textual and graphical parts of the reconnaissance plan.
Discussion* under guidance	3	2		Lesson 18. Work of the ENGINEER SUPPORT GROUP OFFICERS DURING MISSION ANALYSIS 1. Impact of terrain on the actions of the enemy and own units. 2. Impact of weather conditions on unit operations. 3. Procedures for preparing and content of the engineer support group's documents during mission analysis.
			1	Study the regulation documents governing the work of engineer support group officers during mission analysis.
Role-playing game*	4	2		Lesson 19. Work of the engineer support group officers during mission analysis 1. Develop a modified obstacle overlay. 2. Develop an approach (avenue) overlay.
			2	Develop the weather conditions matrix.
Discussion under guidance	3	2		Lesson 20. Methodology for air defense officer during planning 1. General procedures for the air defense officer during battle (combat) planning. 2. Methodology for the air defense officer during mission analysis: STEP 2. Mission analysis. 3. Methodology for developing the air defense annex to warning orders №1 and №2.
			1	1. Develop and issue initial planning guidance. 2. Develop COA evaluation criteria. 3. Analyze relative combat power, develop force ratios matrix, and RCPA Matrix. 4. Develop documents: Enemy aviation unit structure; Air defense forces and assets distribution (TASKORG); Air defense priorities matrix (CV(R)T matrix); Aviation courses of action overlay (AAA overlay). 5. Develop the air defense annex to Warning Order №2.
Role-playing game	4	2		Lesson 21. Methodology for air defense officer during mission analysis (STEP 2. Mission analysis) 1. Methodology for the air defense officer during mission analysis. 2. Methodology for preparing and conducting the mission analysis briefing. 3. Methodology for developing the air defense annex to Warning Orders №1 and №2.
			2	1. Develop and issue initial planning guidance. 2. Develop COA evaluation criteria. 3. Analyze relative combat power, develop Force Ratios Matrix, and RCPA Matrix. 4. Develop documents: Enemy aviation unit structure; Air defense forces and assets distribution (TASKORG); Air defense priorities matrix (CV(R)T matrix); Aviation courses of action overlay (AAA overlay). 5. Issue the air defense annex to Warning Order (WARNORD) №2.

Discussion under guidance	3	2	Lesson 22. Methodology for the planning and coordination unit of battalion tactical group (BTG) joint fire support during mission receipt and analysis: STEP 1, 2. Receipt of mission, mission analysis (STEP 1. Receipt of mission. STEP 2. Mission analysis) 1. Methodology for the planning and coordination unit of BTG joint fire support during mission receipt and analysis. 2. Methodology for preparing and conducting the briefing on the results of mission analysis and the development of warning orders.
		1	Content of the Joint Fire Support Annex.
Role-playing game	4	2	Lesson 23. Work of the planning and coordination unit of battalion tactical group (BTG) joint fire support during mission receipt and analysis: STEP 1, 2. Receipt of mission, Mission analysis (STEP 1. Receipt of mission. STEP 2. Mission analysis) 1. Work of the planning and coordination unit of BTG joint fire support during mission receipt and analysis. 2. Work of the planning and coordination unit of BTG joint fire support during preparation for and conducting briefings based on mission analysis and the development of Warning Orders.
		2	Content of the annex attachments for Joint Fire Support.
Discussion* under guidance	3	2	Lesson 24. Work of the direct air support (DAS) planning officer during decision-making 1. Planning DAS at the first stage of the military decision-making process. 2. Planning DAS at the second stage of the military decision-making process. 3. Planning DAS at the third stage of the military decision-making process.
		1	Combat capabilities of army aviation.
Role-playing game*	4	2	Lesson 25. Planning direct air support (DAS) at the second stage of the military decision-making process 1. Methodology for the BTG DAS planning officer during mission analysis. 2. Methodology for preparing the BTG DAS planning officer for conducting the briefing based on mission analysis. 3. Methodology for developing the DAS annex to Warning Order №2.
		2	Developing the concept of direct air support, considering mission analysis and situation assessment.
Discussion* under guidance	3	2	Lesson 26. Work of the S4 section personnel on logistics planning 1. General procedures for the S4 section during logistics planning for the military unit (subunit) in preparation for battle (combat operations, movement). 2. Directive and planning documents for logistics support.
		1	Duties of the S4 section staff at the headquarters.
Role-playing game	4	2	Lesson 27. Work of the S4 section officers at the first stage of MDMP (STEP 1. Receipt of mission) 1. Work of the S4 section officers during mission receipt (STEP 1. Receipt of mission). 2. Formulation (definition) of tasks for subordinate logistics units to be reflected in warning order №1. 3. Development of the logistics annex to warning order №1.
		2	Обов'язки персоналу секції S4 штабу.

Role-playing game	4	2	Lesson 28. Work of the S4 section officers during mission analysis (STEP 2. Mission analysis) 1. Conducting logistics reconnaissance. 2. Analyzing available logistics resources and their capabilities. 3. Reporting recommendations for organizing logistics support during the mission analysis briefing.
		2	Formal documents for defining tasks for subordinate logistics units to be reflected in Warning Order №2 and for specifying logistics support tasks to be addressed in the logistics annex to Warning Order №2.
Interactive lecture*	1	1	Lesson 29. STEP 3. Course of action development 1. Tasks performed by the battalion headquarters during course of action development. 2. Content of the documents developed by the BTG headquarters during course of action development.
Role-playing game*	6	4	Lesson 30. Methodology for battalion tactical group (BTG) headquarters during the third step of MDMP: STEP 3. Course of action development 1. Methodology for developing the decision support matrix. 2. Methodology for developing the synchronization matrix. 3. Methodology for preparing course of action statements and sketches.
		2	Developing courses of action for battalion tactical group (BTG) during defensive combat.
Role-playing game	6	4	Lesson 31. Methodology for engineering support group officers (EngO) during development of the operations concept – Task 4 of the third step of MDMP 1. Structure and content of Annex F to the operational order. 2. Development of documents by the engineering support group during course of action development: A. Plan schemes for engineer unit operations. B. Engineer unit concepts of operations (Engineer CONOP). C. Obstacles overlays.
		2	Development of the engineer unit concept of operations for each battalion course of action.
Role-playing game	6	4	Lesson 32. Methodology for battalion tactical group (BTG) air defense officer during course of action development: STEP 3. Course of action development 1. Methodology for the air defense section in allocating air defense assets to protection targets and building the combat order. 2. Methodology for the air defense section in developing the air defense concept. 3. Methodology for the air defense section in determining command levels.
		2	1. Refinement of the placement of Named Areas of Interest (NAI) and Engagement Areas (EA). 2. Finalization of COA statements and sketches. 3. Submission of air defense data to the Decision Support Matrix and Synchronization Matrix.
Role-playing game*	6	4	Lesson 33. Work of the battalion task group's (BTG) joint fires planning and coordination unit during COA development: STEP 3. Course of Action Development 1. The work of the BTG's joint fires planning and coordination unit during the development of the fire scheme. 2. The work of the BTG's joint fires planning and coordination unit during the development of the fire support overlay (Develop Fire Support Overlay).

			2	1. The work of the BTG's joint fires planning and coordination unit in preparation for participation in the COA briefing presentation.
Demonstration and execution of activities*	6	4		Lesson 34: Conducting operational-tactical calculations when planning the use of tactical aviation of the Air Force in complex fire engagement of the enemy and air support of troops. 1. Conducting operational-tactical calculations to determine the fire capabilities of tactical aviation in the complex fire engagement of the enemy. 2. Preparing proposals for the allocation of flight resources and determining the fire missions for tactical aviation in the fire engagement of the enemy and air support of troops.
			2	Peculiarities of Operational-Tactical Calculations Regarding the Allocation of Flight Resources in an Operation.
Role-playing game	4	2		Lesson 35. Planning close air support (CAS) in the third stage of the military decision-making process. 1. Methods of work of the officer for planning direct aviation support BTG in determining the role and place of aviation units in the decisive, formative, and sustaining phases of combat. 2. Methods of work of the officer planning direct aviation support of the BTG in determining the possible objects of aviation action, their coordinates, characteristics and the required degree of damage. 3. Methods of work of the officer planning direct aviation support of the BTG in determining the required flight resource and its distribution. 4. Methods of work of the officer planning direct aviation support of the BTG in the development of schemes of options (Prepare COA statements and sketches).
			2	Development of the BAP concept in accordance with the BTG's action options.
Role-playing game*	4	2		Lesson 36. The work of S4 officers in the area of maintenance and restoration of weapons and equipment during the development of options for the forces and logistics support in a defensive battle (STEP 3. Course of Action Development). 1. The work of the logistics planning unit in the area of maintenance and restoration of weapons and military equipment at the third stage of the MDMP "Development of Action Options" in preparation for a defensive battle. 2. Report by the head of the S4 section on the options for logistics support in the area of maintenance and restoration of weapons and equipment in accordance with the options for action.
			2	Graphical display of logistics support options in the area of maintenance and restoration of weapons and equipment.

Topic 1: Combat Training				
1.	Interactive lecture*	2	2	<p>Lesson 1. Conceptual Foundations of Combat Training</p> <ol style="list-style-type: none"> 1. Introduction to the module. Subject, tasks of the module, and the order of its study. 2. The combat training system of a military unit. 3. Principles, forms, and methods of education.
2.	Discussion* under guidance	2	2	<p>Lesson 2. Organization of Combat Training</p> <ol style="list-style-type: none"> 1. Planning of combat training. 2. Comprehensive support for combat training. 3. Management of combat training.
3.	Discussion* under guidance	3	2	<p>Lesson 3. Individual Training of Military Personnel in a Unit</p> <ol style="list-style-type: none"> 1. Organization of individual training in a military unit. 2. Preparation and execution of group exercise. 3. Features of preparing and conducting tactical briefing.
			1	Recording, Collection, and Analysis of Results from Individual Training Activities
4.	Discussion* under guidance	2	2	<p>Lesson 4. Preparation and Conduct of Collective Training Activities with Units</p> <ol style="list-style-type: none"> 1. Preparation of combined arms tactical exercises. 2. Execution of combined arms tactical exercises. 3. Evaluation of combined arms tactical exercises.
5.	Discussion* under guidance	3	2	<p>Lesson 5. Preparation and Conduct of Collective Training Activities with Unit Headquarters</p> <ol style="list-style-type: none"> 1. General provisions for organizing staff exercises. 2. Preparation and conduct of joint staff exercises. 3. Preparation and conduct of command-and-staff exercises.
			1	Evaluation of Command-and-Staff Exercises
6.	Discussion under guidance	2	2	<p>Lesson 6. Analysis of Conducted Actions</p> <ol style="list-style-type: none"> 1. Purpose, types, and principles of analyzing conducted actions. 2. Planning and analysing of conducted actions.
7.	Discussion under guidance	3	2	<p>Lesson 7. Study and Implementation of Experience in the Armed Forces of Ukraine</p> <ol style="list-style-type: none"> 1. System for studying and implementing experience. 2. Management of the system for studying and implementing experience.
			1	Experience in Collecting, Analyzing, and Summarizing Combat Experience During the Armed Aggression of the Russian Federation Against Ukraine
8.	Work in syndicates	6	2	<p>Lesson 8. Ways to Improve Combat Training</p> <ol style="list-style-type: none"> 1. Problematic issues in organizing combat training within a military unit and solution methods. 2. Problematic issues in conducting individual training within a military unit and solution methods. 3. Problematic issues in conducting collective training within a military unit and solution methods.

			4	Problematic Issues in Implementing NATO Member Standards into the Combat Training System of the Armed Forces of Ukraine and solution methods
Topic 2. Combat and Mobilization Readiness				
9.	Interactive lecture*	2	2	Lesson 1. The Combat and Mobilization Readiness System of Troops (Forces) <ol style="list-style-type: none"> 1. The essence of combat and mobilization readiness of troops (forces). 2. Levels of combat readiness of troops (forces). Measures carried out within a military unit according to levels of combat readiness. 3. Organization of inspections and procedures for evaluating combat readiness, mobilization readiness, and readiness to function under special conditions for military organizational structures.
10.	Demonstration and execution of activities	2	2	Lesson 2. Evaluation of the Combat Readiness Status of a Military Unit (Subunit) <ol style="list-style-type: none"> 1. Evaluation of the combat readiness status of the unit headquarters. 2. Evaluation of the combat readiness status of subunits.
11.	Discussion* under guidance	2	2	Lesson 3. Planning for the Readiness (Mobilization and Readiness) of a Military Unit <ol style="list-style-type: none"> 1. Planning documents for readiness (mobilization and readiness) of a military unit and their content. 2. Personal documents of military unit officials on combat and mobilization readiness. 3. Organization of management for readiness (mobilization and readiness) of a military unit.
12.	Role-playing game	4	2	Lesson 4. Analysis of the Task and Evaluation of the Situation for Planning Mobilization and Readiness of a Military Unit <ol style="list-style-type: none"> 1. Report on the conclusions of understanding the task regarding planning mobilization and readiness of the military unit. 2. Report on the conclusions from evaluating the situation for mobilization and readiness of the military unit. 3. Tasking by the unit commander to officials for preparing proposals for developing the Concept of Mobilization and Readiness of the military unit.
			2	Development of Proposals by Officials for the Concept of Mobilization and Readiness of the Military Unit
13.	Role-playing game	4	2	Lesson 5. Proposals by Officials for Developing the Concept of Mobilization and Readiness of the Military Unit <ol style="list-style-type: none"> 1. Proposals from the Chief of Staff on executing mobilization measures and organizing management and coordination during mobilization and readiness of the military unit. 2. Proposals from the Deputy Commander of the military unit regarding the organization of combat coordination within the unit. 3. Proposals from officials on executing mobilization measures and organizing comprehensive support for mobilization and readiness of the military unit (by activity areas).
			2	Development of the Management and Coordination Map for Mobilization and Readiness of the Military Unit
14.	Demonstration and execution of activities	4	2	Lesson 6. Development of Planning Documents for Mobilization and Readiness of the Military Unit <ol style="list-style-type: none"> 1. Development of the concept for mobilization and readiness of the military unit.
			2	Refinement of the Concept for Mobilization and Readiness of the Military Unit

15.	Discussion* under guidance	3	2		Lesson 7. Equipping Military Units with Mobilization Resources 1. Manning military units with conscripts, reservists, and personnel. 2. Equipping military units with transportation vehicles and national economy equipment. 3. Organization of receiving mobilization resources within military organizational structures.
				1	Organization of Alerting, Collection, and Delivery of Mobilization Resources.
16.	Discussion under guidance	2	2		Lesson 8. Organization of Combat Coordination in Military Units 1. The essence, purpose, and objectives of combat coordination. 2. Planning of combat coordination. Measures conducted within military units according to the stages of combat coordination.
17.	Discussion* under guidance	2	2		Lesson 9. Organization of Restoration of Combat Capability in Military Units 1. Planning the restoration of combat capability for military units. 2. Conducting combat coordination measures during the restoration of a military unit's combat capability. 3. Organizing the replenishment of personnel during the restoration of combat capability.
18.	Work in syndicates	6	2		Lesson 10. Ways to Enhance Combat and Mobilization Readiness of a Military Unit (Subunit) 1. Problematic issues in staffing military units and ways to address them. 2. Problematic issues in equipping military units with weapons and military equipment and ways to address them. 3. Problematic issues in conducting combat coordination measures within a military unit (subunits) and ways to address them.
				4	Refinement of the Management and Coordination Map for Mobilization and Readiness of the Military Unit
19.	Final assessment session*	10/8*	4/2*		Exam
				6	Preparation for the exam

4.4. Academic Discipline: "TACTICS OF AIR ASSAULT FORCES (OPERATIONS)"

General Objective of the Academic Discipline: To develop the knowledge, skills, and abilities of officers regarding the planning, application, and management of Air Assault Forces (DShV) units of the Armed Forces of Ukraine at the battalion, regiment, brigade, and equivalent levels during combat missions.

Knowledge, Skills, and Abilities to Demonstrate Upon Completion:

1. Apply the fundamentals of military art during the planning of battles (combat operations) at the battalion, regiment, and brigade levels of the Air Assault Forces of the Armed Forces of Ukraine.
2. Utilize the Military Decision-Making Process (MDMP) during the planning of operations at the battalion, regiment, and brigade levels of the Air Assault Forces.
3. Explain the general process of planning operations (OPP).
4. Develop battalion, regiment, and brigade-level tactical operational orders (OPORDs).
5. Apply tactics for conducting airborne assault operations, raids, air assault, and general military combat, including behind enemy lines, during combat missions at the battalion, regiment, and brigade levels of the Air Assault Forces of the Armed Forces of Ukraine.
6. Organize and maintain coordination at the battalion, regiment, and brigade levels of the Air Assault Forces of the Armed Forces of Ukraine during the preparation and execution of combat tasks.
7. Manage a battalion, regiment, brigade of the Air Assault Forces of the Armed Forces of Ukraine and attached units during the preparation and execution of combat tasks.

Organizational and Methodological Guidelines:

Organizational and Methodological Measures:

Before undertaking comprehensive methodological tactical tasks and conducting command-and-staff exercises, interdepartmental meetings should be held to clarify the objectives of the activities, agree on the procedure for conducting the sessions, and determine the expected final outcomes.

Material and Technical Support:

The equipment of the classrooms for training groups should meet the requirements set for command posts of tactical-level military management bodies.

Informational and Methodological Support:

Topic 1: Theory of Military Arts. Topic 2: Location and Movement. Topic 3: Defensive Operations. Topic 4: Offensive Operations. Topic 5: Air Assault Operations (Airborne Assault Actions). Topic 6: Airborne Operations (Airborne Drop). Topic 7: Joint Operations.

1. **Strategy of Military Security** approved by the Presidential Decree of Ukraine No. 121/2021, dated March 25, 2021.
2. **Temporary Combat Statute of Mechanized Troops Land Forces of the Armed Forces of Ukraine.**BP 3-(01,04)11(55).01. Part 1 (Brigade).- Kyiv: Command of the Combat Training of the Armed Forces of Ukraine in collaboration with the Ivan Chernyakhovsky National University of Defense of Ukraine, 2021. – 120 pages.
3. **Temporary Combat Statute of Tank Troops Land Forces of the Armed Forces of Ukraine.** BP 3-(02)11(55).01. Part 1 (Brigade). - Kyiv: Command of the Combat Training of the Armed Forces of Ukraine in collaboration with the Ivan Chernyakhovsky National University of Defense of Ukraine, 2021. – 120 pages.
4. **Temporary Doctrine of State Defense Forces Application** approved by the General Staff of the Armed Forces of Ukraine Order No. 124 dsk, dated March 31, 2020. - Kyiv: Civil Defense Headquarters and GIP of the Armed Forces of Ukraine.
5. **Doctrine of Joint Operations** approved by the General Staff of the Armed Forces of Ukraine Order No. 101 dsk, dated July 30, 2020. - Kyiv: Civil Defense Headquarters and GIP of the Armed Forces of Ukraine.
6. **Doctrine of Joint Planning** approved by the Order of the Chief Commander of the Armed Forces of Ukraine No. 225, dated December 22, 2020.
7. **Temporary Doctrine of Joint Planning.**- Kyiv: General Staff of the Armed Forces of Ukraine, 2020. – 258 pages. No. 03t. Inventory No. 49044.
8. **Combat Statute of Mechanized and Tank Troops Land Forces of the Armed Forces of Ukraine.**Part I (Brigade). - Kyiv: Combat Training of the Armed Forces of Ukraine, 2016. – 240 pages. Inventory No. 47847.
9. **Combat Statute of Mechanized and Tank Troops Land Forces of the Armed Forces of Ukraine.**Part II (Battalion, Company). - Kyiv: Combat Training of the Armed Forces of Ukraine, 2016. – 225 pages.

10. **Temporary Procedure for Processing Operational (Combat) Documents** approved by the Order of the Chief Commander of the Armed Forces of Ukraine No. 140, dated September 11, 2020.- Kyiv: General Staff of the Armed Forces of Ukraine, 2020. – 261 pages.
11. **Combat Regulations of the Airborne Assault Forces of the Armed Forces of Ukraine, Part IV (Platoon, Squad) – Zhytomyr: Airborne Assault Forces of the Armed Forces of Ukraine, 2023. – 221 p.**
12. **Combat Statute of the Airborne Assault Forces AFU. Part III (Company).** - Zhytomyr: Airborne Assault Forces of Ukraine, 2023. – 200 pages.
13. **Combat Statute of the Airborne Assault Forces AFU. Part II (Battalion).**- Zhytomyr: Airborne Assault Forces of Ukraine, 2023. – 338 pages.
14. **Fire damage to the enemy in support of airborne operations and conducting assault landings.** Danilyuk I.A., Pechorin O.M., Naumov V.I. Educational manual, National University of Defense of Ukraine, 2017.
15. **Application of Airborne Assault Forces Units and military formations.** Danilyuk I.A., Pechorin O.M., et al. Textbook, National University of Defense of Ukraine, 2019.
16. **Combat use Highly Mobile Airborne units and military formations in the ATO (Anti-Terrorist Operation) area in Donetsk and Luhansk regions.** Danilyuk I.A., Alyoshchenko I.V., et al. Educational manual. National University of Defense of Ukraine, 2019.
17. **Organization of Airborne Training in Airborne Assault Forces Units.** Danilyuk I.A., Pechorin O.M., Kotlyar S.P. Textbook. National University of Defense of Ukraine, 2020.
18. **Raiding Operations.** Danilyuk I.A., Oliynyk V.V., Pechorin O.M., et al. Educational manual, National University of Defense of Ukraine, 2021.
19. **Specifics of Combat Task Preparation and Execution by Units and Military Formations During Anti-Terrorist Operations in Donetsk and Luhansk Regions/** Muzichenko D.P., Pochynok S.M., Golovanov A.V., Lisnevsky V.V., et al. - Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2016. – 230 pages. Inventory No. 16668.
20. **Tactics in Combat Examples (from ATO Experience): Educational and Methodological Guide/** Muzichenko D.P., Pochynok S.M., Shvalyuchynsky V.V., Golovanov A.V., et al., edited by Syrotenko A.M.- Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2017. – 139 pages. DSK. Inventory No. 16941.
21. **General Military Formations in Combat (NATO Standards): Educational and Methodological Guide/** Muzichenko D., Marchenko O., Slupko A., Sherikhov I., et al.- Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2019. – 55 pages. Inventory No. 9550.

22. **Collection of Tactical Calculations with Examples: Educational and Methodological Guide**/Artemoshchenko V.S., Golovanov A.V., Haidarly G.S., et al. - Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2018. – 96 pages. Inventory No. 9201.
23. **Procedures of Military Decision-Making Process (NATO Standards): Educational and Methodological Guide**/Muzichenko D.P., Filynkin Y.V., Shvalyuchynsky V.V., et al. - Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2018. – 140 pages. Inventory No. 9336.
24. **Educational Kit for Military Units (Subunits): Educational and Methodological Guide**/Boryshchuk V.I., Golovanov A.V., Slupko A.V., et al., edited by Lisnevsky V.V., Artemoshchenko V.S. - Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2018. – 348 pages. Inventory No. 9151.
25. **Commander's Work on the Ground): Educational and Methodological Guide**/Muzichenko D.P., Sherikhov I.V., Marchenko O.M., et al. - Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2019. – 244 pages. Inventory No. 9451.
26. **Doctrine of "Rocket Troops and Artillery of the Armed Forces of Ukraine" (Temporary)** approved by the Chief Commander of the Armed Forces of Ukraine on November 3, 2022.
27. **Doctrine of "Integrated Fire Support" (Temporary):Draft.** - Kyiv: Research Center for Rocket Troops and Artillery, 2023. – 40 pages.
28. **Combat Statute of Artillery of the Ground Forces of the Armed Forces of Ukraine.**Part 1: Brigade (Regiment), Brigade Artillery Group. - Kyiv: Combat Training of the Armed Forces, 2020.
29. **Combat Statute of Artillery of the Ground Forces of the Armed Forces of Ukraine.**Part II: Division, Battery, Platoon, Gun. Approved by the Commander of the Ground Forces of the Armed Forces of Ukraine on May 18, 2020, No. 376.
30. **Combat Statute of the Ground Forces. Artillery of the Armed Forces of Ukraine.** Part II. - Kyiv: 2021.
31. **Combat Statute of Rocket Troops of the Ground Forces of the Armed Forces of Ukraine,** Rocket Brigade, Reactive Artillery Regiment (Division, Battery). - Kyiv: 2020.
32. **Instruction on Shooting and Fire Control of Ground Artillery (Division, Battery, Platoon, Gun).** Sumy: National Center for Rocket Troops and Artillery, 2021.
33. **Instruction on Preparation of Rocket Troops of the Ground Forces of the Armed Forces of Ukraine (NPRV – 2021)** Rocket, Reactive Artillery Brigade, Division, Battery, Squad, Platoon, Crew. Approved by the Commander of the Ground Forces of the Armed Forces of Ukraine on April 27, 2021.
34. **Instruction on the Preparation of Artillery of the Ground Forces of the Armed Forces of Ukraine.** Kyiv: 2021.
35. **Planning of Fire Support at the Tactical Level: Educational and Methodological Guide,** Riman O.O., Prymerenko V.M., Tsvetkov Y.A., Shitykov A.V.- Kyiv: National University of Defense of Ukraine, 2023. – 124 pages.

36. **Lecture Course on the Discipline “Combat Application of Rocket Troops and Artillery in Combat and Operations”**. Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2015. – 264 pages.
37. **Combat Application of Rocket Troops and Artillery in Operations**. Textbook.- Kyiv: National University of Defense of Ukraine, 2019.
38. **Methodical Guide on Summarizing the Experience of Using Artillery for General and Direct Support Based on Anti-Terrorist Operation Experience**.- Kyiv: Combat Training of the Armed Forces, 2016.
39. **Air Defense in the Operation of the Unified Territorial Defense Forces (OTUO)**. Educational Manual. Kravchenko S.O., Yanenko O.A., et al. - Kyiv: National University of Defense of Ukraine, 2021. – 193 pages. Inventory No. 48899.
40. **Air Defense in General Military Combat: Educational and Methodological Guide**. Educational Manual. Kravchenko S.O., Yanenko O.A., et al. - Kyiv: National University of Defense of Ukraine, 2019. Inventory No. 47566.
41. **Air Defense in Combat and Operations**. Textbook. Kravchenko S.O., et al. - Kyiv: National University of Defense of Ukraine, 2013. – 328 pages. Inventory No. 44966.
42. **Combat Statute of the Ground Forces. Air Defense Troops of the Ground Forces of the Armed Forces of Ukraine**. Kyiv: Combat Training of the Armed Forces of Ukraine, 2021. – 142 pages.
43. **Combat Statute of Air Defense Troops of the Ground Forces of the Armed Forces of Ukraine**. Part I (Regiment). Kyiv: Combat Training of the Armed Forces of Ukraine, 2017. – 192 pages. Inventory No. 47950.
44. **Combat Statute of Air Defense Troops of the Ground Forces of the Armed Forces of Ukraine**. Part II (Division, Battery (Group)). Kyiv: Combat Training of the Armed Forces of Ukraine, 2017. – 204 pages. Inventory No. 16940.
45. **Methodology for Tactical Training of Air Defense Troops of the Ground Forces of the Armed Forces of Ukraine**. Combat Training No. 476 from December 27, 2018.
46. **Combat Statute of the Ground Forces “Army Aviation of the Ground Forces of the Armed Forces of Ukraine”** approved by the Commander of the Ground Forces of the Armed Forces of Ukraine on December 21, 2020, No. 990 – BP 3(7)-12(01).01.
47. **Tactics of Army Aviation**. Educational Manual. - Kharkiv: Kharkiv National University of Air Force, 2018.
48. **Officer’s Work on Planning Close Air Support During Decision Making (NATO Standards)**.- Educational Manual. Shvalyuchynsky V.V., Samilenko M.M., et al., edited by Shvalyuchynsky V.V. Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2023. – 116 pages.
49. **Methodical Recommendations on Planning the Combat Application of Army Aviation During Operations (Combat Actions)**: Military Methodical Publication. - Kyiv: Combat Training of the Armed Forces, 2022. – 31 pages.
50. **History of Military Art: Textbook/** Furman I.I., Sidorov S.V., Pilyavets R.I., et al., 3rd edition, revised and supplemented. - Kyiv: National University of Defense of Ukraine, 2019.

51. **Highly Mobile Airborne (Aeromobile) Troops of Ukraine 1991-2017./** Slobodyanyuk M.V., Feshovets O.V. - Lviv: Astrolabe Publishing, 2017. – 200 pages.
52. **Management of Troops (Forces) in Operations (Combat). Part I: Basics of Troop (Force) Management.** Educational Manual. - Kyiv: National University of Defense of Ukraine, 2019.
53. **Manual on Operational Work of Headquarters. Part 2 (Military Unit).** Kyiv: General Staff of the Armed Forces of Ukraine, 2016. – 172 pages. Inventory No. 47145.
54. **Application of the Air Forces: Textbook.** Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2018. – 348 pages. Inventory No. 48280.
55. **Reconnaissance in Combat and Operations.** Kyiv: National University of Defense of Ukraine, 2016. – 128 pages. Inventory No. 16670.
56. **Manual on Tactical Reconnaissance.** Kyiv: Combat Training of the Armed Forces of Ukraine, 2017. Inventory No. 16888 (D).
57. **Album of Schemes: Application of the Russian Federation Armed Forces in Main Types of Comba** Educational Manual. - Kyiv: National University of Defense of Ukraine, 2018. – 62 pages.
58. **Temporary Manual on Organization of Communication and Information Systems of the Armed Forces of Ukraine.** Kyiv: General Staff of the Armed Forces of Ukraine, 2017. – 130 pages. Inventory No. 47782.
59. **Doctrine on Engineering Support for Troops (Forces) Application.-** Kyiv: General Staff of the Armed Forces of Ukraine, 2020. – 37 pages.
60. **Temporary Manual on Engineering Support of the Armed Forces of Ukraine.-** Kyiv: General Staff of the Armed Forces of Ukraine, 2019.
61. **Guidelines on the Use of Engineering Munitions in the Ministry of Defense and the Armed Forces of Ukraine** approved by the Order of the Minister of Defense of Ukraine on January 3, 2017, No. 1. – 329 pages.
62. **Guidelines on Demolition (Explosive) Affairs in the Ministry of Defense and the Armed Forces of Ukraine** approved by the Order of the Minister of Defense of Ukraine on January 3, 2017, No. 2. – 320 pages.
63. **Guidelines on Construction of Engineering Barriers by Units of the Ministry of Defense of Ukraine and the Armed Forces of Ukraine** approved by the Order of the Minister of Defense of Ukraine on July 10, 2015, No. 330. – 176 pages.
64. **Guidelines on Overcoming Engineering Barriers by Units of the Armed Forces of Ukraine** approved by the Order of the Minister of Defense of Ukraine on October 19, 2016, No. 390. – 111 pages.
65. **Operational Calculations of Engineering Support Tasks. Methodologies and Examples** Edited by V.I. Kozyuruba. - Kyiv: National University of Defense of Ukraine, 2016. – 152 pages.

66. **Instruction on the Rules of Conduct for Military Personnel in Areas with Explosive Objects and Mine Safety Measures** Approved by the Order of the General Staff on April 19, 2018, No. 161.
67. **Instruction on the Procedure for Detection, Disposal, and Destruction of Explosive Objects** Approved by the Order of the General Staff on February 13, 2020, No. 55.
68. **Manual on Radiation, Chemical, and Biological Protection of the Armed Forces of Ukraine.**- Kyiv: General Staff of the Armed Forces of Ukraine, 2017. – 82 pages.
69. **Doctrine on Chemical, Biological, Radiological, and Nuclear Protection of Troops (Forces).**- Kyiv: General Staff of the Armed Forces of Ukraine, 2020. – 36 pages.
70. **Methodical Recommendations on Organizing CBRN Protection During the Conduct of ATO.**- Kyiv: Central Directorate of CBRN Protection of the General Staff of the Armed Forces of Ukraine, 2014. – 24 pages.
71. **Regulations on the Organization of Environmental Safety in the Ministry of Defense of Ukraine and the Armed Forces of Ukraine** approved by the Order of the Ministry of Defense of Ukraine on August 10, 2015, No. 396. – 18 pages.
72. **Manual on Radio-Electronic Warfare in the Armed Forces of Ukraine.**- Kyiv: General Staff of the Armed Forces of Ukraine, 2018. – 98 pages.
73. **Management Systems for Troops and Weapons of Foreign Armed Forces. Part One.** [Textbook].- Kyiv: National University of Defense of Ukraine, 2017. – 166 pages.
74. **Combat Use of Radio-Electronic Warfare Means and Complexes.** Educational Manual. - Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2016. – 285 pages.
75. **Manual on Topogeodetic and Navigational Support of the Armed Forces of Ukraine** approved by the Order of the Chief of the General Staff – Commander-in-Chief of the Armed Forces of Ukraine on January 4, 2017, No. 3DSK. Kyiv: General Staff of the Armed Forces of Ukraine, 2017. – 108 pages.
76. **Doctrine on Geospatial Support.**- Kyiv: General Staff of the Armed Forces of Ukraine, 2020. – 36 pages.
77. **Need for Topographic, Special Maps, and Geodetic Point Coordinate Catalogs for Structural Units of the Ministry of Defense of Ukraine, General Staff of the Armed Forces of Ukraine, Joint Operational Headquarters of the Armed Forces of Ukraine, Operational and Logistical Support of the Armed Forces of Ukraine** approved by the Order of the Chief of the General Staff – Commander-in-Chief of the Armed Forces of Ukraine on September 25, 2017, No. 347. Kyiv: General Staff of the Armed Forces of Ukraine, 2017. – 22 pages.
78. **Technical Support of Troops (Forces).** [Educational Manual] Kyiv: National University of Defense of Ukraine, 2015. – 256 pages.

79. **Military Logistics. Basics of Logistical Support for Military Units (Subunits), Tactical Groups.** Educational Manual (adapted with consideration of the experience of supporting military units in the anti-terrorist operation). -Kyiv: Logistics of the Armed Forces of Ukraine (Publisher: FOP Kaiko T.O.), 2015. – 285 pages.
80. **Manual on Organizing Counter-Technical Reconnaissance in the Armed Forces of Ukraine** implemented by the Order of the Commander-in-Chief of the Armed Forces of Ukraine on July 7, 2020, No. 3t. Inventory No. 49253.
81. **Technical Reconnaissance Model "TR-2030". Book 1. Space Reconnaissance.** Kyiv: Publishing House of the Central Directorate of Special Data of the Ministry of Defense and the General Staff of the Armed Forces of Ukraine, 2016. Inventory No. 47377.

Publications Developed Based on NATO Operational Standards and National Operational Standards of NATO Member Countries

1. **Procedures for Military Decision-Making (according to NATO standards):** Educational Manual. / [D.P. Muzychenko, E.V. Filyunkin, V.V. Shvalyuchynskyi et al.]. Kyiv: National University of Defense of Ukraine named after Ivan Chernyakhovsky, 2018. – 140 pages. Inventory No. 9336.
2. **Allied Joint Publication AJP-01 Edition E, Version 1, Allied Joint Doctrine – STANAG 2437**, 28 February 2017, 120 pages. Available online: <http://nso.nato.int/nso/zPublic/ap/AJP-01.pdf>.
3. **Allied Joint Doctrine for the Conduct of Operations AJP-3(B).** Military Committee Joint Standardization – STANAG 2490, 16 March 2011, 120 pages. Available online: [http://nso.nato.int/nso/zPublic/ap/AJP-3\(B\).pdf](http://nso.nato.int/nso/zPublic/ap/AJP-3(B).pdf).
4. **Allied Joint Publication AJP-3.2, Edition A, Version 1, Allied Joint Doctrine For Land Operations.** Military Committee Joint Standardization – STANAG 2288, 15 March 2016, 90 pages. Available online: <http://nso.nato.int/nso/zPublic/ap/AJP-3.2.pdf>.
5. **Allied Joint Publication AJP-3.4.5, Edition A, Version 1, Allied Joint Doctrine for the Military Contribution to Stabilization and Reconstruction.** Military Committee Joint Standardization – STANAG 2590, 14 December 2015, 100 pages. Available online: <http://nso.nato.int/nso/zPublic/ap/AJP-3.4.5.pdf>.
6. **Allied Land Tactics ATP-3.2.1.-** Military Committee Joint Standardization. – STANAG 2605, 9 November 2009, 273 pages. Available online: <http://nso.nato.int/nso/zPublic/ap/AT3-3.2.1.pdf>.
7. **Allied Procedural Publication APP-6, Edition 0, Version 1, NATO Joint Military Symbology.-** Military Committee Joint Standardization. – STANAG 2019, 16 October 2017, 922 pages. Available online: <http://nso.nato.int/nso/zPublic/ap/APP-6.pdf>.

8. **FM 3-0. Operations.** Headquarters Department of the Army, Washington, DC, 6 October 2022.
9. **FM 3-90. Tactics.** Headquarters Department of the Army, Washington, DC, 4 July 2001.
10. **Field Manual 3-90-1. Offense and Defense Volume 1.** Headquarters Department of the Army, Washington, DC, 22 March 2013, 285 pages. Available online: <https://armypubs.us.army.mil/doctrine/fm3-90-1.pdf>.
11. **FM 3-96. (FM 3-90.6). Brigade Combat Team.** Headquarters Department of the Army, January 2021.
12. **FM 3-98. Reconnaissance and Security Operations.** Headquarters Department of the Army, July 2015.
13. **Field Manual 3-07. Stability.** Headquarters Department of the Army, Washington, DC, 2 June 2014, 107 pages. Available online: <https://armypubs.us.army.mil/doctrine/fm3-07.pdf>.
14. **B-GL-300-001/FP-001 Land Operations.** The Land Staff by the Army Publishing Office, Fort Frontenac, Kingston, Ontario, 456 pages. Available online: <http://lfdts.army.mil.ca/B-GL-300-001/FP-001.pdf>.
15. **The Battle Staff Smartbook. Leading, Planning & Conducting Military Operations.** Fifth edition. – The Lightning Press Norman M. Wade. – 2015, 61 pages.
16. **FM 5-0. Planning and Orders Production.** Headquarters Department of the Army, May 2022.
17. **FM 5-71-3 Brigade Engineer Combat Operations (Armored).** Headquarters Department of the Army, 13 November 1997.
18. **FM 6-0. Commander and Staff Organization and Operations.** Headquarters Department of the Army, May 2022.
19. **FM 90-13 River-Crossing Operations.** Headquarters Department of the Army, 26 January 1998.
20. **FM 3-99 Airborne and Air Assault Operations.** March 2015.

Topic 8: Practical Training

1. **National University of Defense of Ukraine named after Ivan Cherniakhovskyi [Electronic Resource]: 2021 // Official Website.** – Available at: <https://nuou.org.ua/>
2. **Distance Course [Electronic Resource]: 2021 // NUOU Distance Learning Platform:** <https://adl.mil.gov.ua/course/view.php?id=6736#section-0>
3. **Testing [Electronic Resource]: 2021 // NUOU Distance Learning Platform.** – Available at: <https://adl.mil.gov.ua/mod/quiz/view.php?id=100531>
4. **Order of the Ministry of Defense of Ukraine No. 225 of August 5, 2021 “On Approval of the Physical Training Instruction in the Ministry of Defense of Ukraine”.**

5. **Automated Troop Control System “Slavutych”. Part 1, 2: Purpose, Capabilities, Basics of Construction and Application of Main Subsystems and Information-Calculation Tasks.** – Kyiv: NUOU, 2017.
6. **Use of the Combat Simulation Tool “Unified Simulator of Conflict and Tactical Situations”: Training Manual / Collective of Authors; Edited by S.M. Salkutsan.** – 2nd ed., revised. – Kyiv: NUOU, 2017. – 188 p.
7. **Use of Simulation Modeling Tools in the Training of Military Command Bodies and Troops (Forces): Training Manual / Collective of Authors.** – Kyiv: NUOU named after Ivan Cherniakhovskyi, 2021. – 84 p.
8. **Simulation Modeling in Military Training Practice: Training Manual / Collective of Authors; Edited by O.Yu. Permyakov.** – Kyiv: NUOU, 2015. – 120 p.
9. **Methodology for the Preparation and Conduct of Command-Staff Exercises Using Computers and Simulation Modeling Technologies: Methodical Manual / Collective of Authors; Edited by O.Yu. Permyakov.** – Kyiv: NUOU, 2011. – 60 p.
10. **Methodology for the Preparation and Conduct of Training Sessions on Operational-Tactical Disciplines Using Combat Simulation Tools: Methodical Manual / V. Ye. Bobylov et al.; Edited by S.M. Salkutsan.** – Kyiv: NUOU, 2015. – 40 p.
11. **BI-SC Collective Training and Exercise Directive (CT&ED) 075-003.**
12. **Computer-Assisted Exercises and Training. Reference Guide.** A JOHN WILEY & SONS, Inc., Publication.
13. **Joint Conflict and Tactical Simulation (JCATS). Capabilities Brief.** Livermore, 2018. URL: https://csl.llnl.gov/sites/csl/files/JCATS_Capabilities_Brief-Update-May_202018.pdf
14. **Collective Training of Staffs, Military Units / Collective of Authors.** – Kyiv: NUOU named after Ivan Cherniakhovskyi, 2019 – 96 p. Inventory No. 17104.
15. **Temporary Instruction for the Organization and Conduct of General Military Tactical and Command-Staff Exercises. Part 1. Brigade, Regiment.** Kyiv 2016.
16. **Instruction for the Organization and Conduct of General Military Tactical and Command-Staff Exercises. Part 2. Battalion, Company.** Kyiv 2018.

Topic titles and distribution of study time by types of lessons

№	Types of study activities, assessment measures	Total hours	Including		Topic title and study questions
			Classroom hours	Self-study	
87	Role-playing game*	4	2		Lesson 37. Work of officers of the S4 section in the direction of logistical (rear) support during the development of options for actions in a defensive battle (STEP 3. Course of Action Development). 1. The work of the logistics (rear) support planning unit at the third stage of the MDMP "Development of action options" during preparation for a defensive battle. 2. Report by the head of the S4 section on options for logistical (rear) support in accordance with the options for action. Lesson 38. STEP 4. Analysis of action options (STEP 4. COA Analysis).
				2	Graphic display of logistic (rear) support options.
88	Interactive lecture	1	1		Lesson 38. STEP 4. Analysis of action options (STEP 4. COA Analysis). 1. The content of the tasks performed during the analysis of action options. 2. War-game Method. 3. Procedure for holding a war game.
89	Role-playing game*	6	4		Lesson 39. Methodology of the BTGr headquarters during the fourth step of the VPVR. STEP 4. Analysis of action options (war gaming) (STEP 4. COA Analysis (war gaming)). 1. The method of conducting a raffle of action options (Wargame the operation). 2. Methodology for assessing the results of the raffle of action options (Assesses the results).
				2	1. Conducting a raffle of action options. 2. Completing the worksheets for recording the results of the war game.
90	Interactive lecture	1	1		Lesson 40. STEP 5. Comparison of action options (STEP 5 - Course of Action Comparison) 1. Conduct advantages and disadvantages analysis. 2. Procedure for comparing action options (Compare COAs). 3. Issues considered during the COA Decision Briefing.
91	Role-playing game*	3	2		Lesson 41. Methodology of the headquarters of the BTGr from the fifth step of the VPVR. STEP 5. Comparison of action options (STEP 5. COA Comparison). 1. Methodology for preparing and conducting a briefing on the comparison of options for actions (Conduct a COA decision briefing).
				1	Preparation of materials for the analysis of action options for presentation during the briefing

1.	Interactive lecture	1	1		Lesson 42. STEP 6. Approval of the action option (STEP 6 – COA Approval) 1. Questions that staff officers present to the battalion commander during the COA Decision Briefing 2. Content of the commander's final planning guidance (COM's Final Planning Guidance) 3. Features of the content of the preliminary order No. 3 (Warning Order # 3).
2.	Role-playing game*	3	2		. Lesson 43. Work methodology of the commander and headquarters of the BTGr during the sixth step of the VPVR. STEP 6. Approval of the course of action (STEP 6. COA Approval). 1. Methodology for choosing the final course of action by the brigade commander (conducting a briefing on the choice of course of action). 2. Methodology for issuing instructions regarding the completion of battle planning (COM's Decision & COM's Final Planning Guidance).
				1	Development of preliminary order No. 3.
3.	Interactive lecture	1	1		Lesson 44. STEP 7. Development of an order (STEP 7 – Orders Production). 1. The content of the tasks performed during the development of the order / plan. 2. What materials are prepared by the battalion headquarters for a briefing on the delivery of tasks to subordinate unit commanders.
4.	Role-playing game*	4	2		Lesson 45. Work methodology of the S-3 section of the BTGr headquarters during the seventh step of the VPVR. STEP 7. Develop, issue and prove the order (STEP 7. Prepare the OPOD or plan). 1. Methodology for developing a combat order/plan (OPOD production).
				2	Development of operational order / operational plan.
5.	Role-playing game	4	2		Lesson 46. Engineering Support Group (EngO) Officers Work Methodology During Development, Issuance and Proving of the Order - Task 7 of the Third Step of the MDMP. 1. Structure and content of Annex F to the operational order.
				2	Development of Annex F.
6.	Role-playing game	4	2		Lesson 47. Work methodology of an air defense officer during the development of combat orders (STEP 7 – Orders Production). 1. The air defense officer's work methodology during the development of the air defense supplement to the combat order (Annex G (Air Defense) with Appendix 1 Eny AAA overlay, Appendix 2 AD overlay (Sketch), to OPERATION ORDER). 2. The method of work of an air defense officer during a briefing on proving a combat order. (Conduct OPOD Briefing).
				2	1. Definition of tasks for air defense units and joint military air defense units. 2. Preparation of materials for the briefing on proving the battle order.

7.	Role-playing game. *	4	2	Lesson 48. The work of the unit of planning and coordination of joint fire support of the BTGr during the seventh step of the PPVR. STEP 7. Preparation, issue and dissemination of the order (STEP 7. Prepare, issue and dissemination the OPORD or plan). 1. Development of Annex D (joint fire support) to the combat order/plan (Annex D production). 2. Development of annexes of Annex D (joint fire support) to the combat order/plan (Appendixes of the Annex D production).
			2	1. Development of the targeting synchronization matrix (Targeting synchronization matrix)/
8.	Role-playing game	4	2	Lesson 49. Planning of direct aviation support (BAP) at the seventh stage of the military decision-making process. 1. Work methodology of the BAP BTGr planning officer when determining tasks for army aviation units. 2. The work methodology of the BAP BTGr planning officer during the review and approval of the combat plan or combat order.
			2	The procedure for the design of the BAP concept of combat operations and methods of solving problematic issues (risks).
9.	Role-playing game*	4	2	Lesson 50. Organization of the work of officers of the S4 section for logistics support at the seventh stage of the MDMP when determining tasks for subordinate units. 1. Formulation (definition) of the tasks of the subordinate units of logistics support for the provision of material means for reflection in the battle order for a defensive battle. 2. Formulation (definition) of tasks for subordinate units of logistics support for the restoration of OVT for reflection in the combat order for a defensive battle.
			2	A formalized document defining the tasks of subordinate units of logistics support for display in the combat order.
10.	Role-playing game	4	2	Lesson 51. Organization of the work of the officers of the S4 section for logistical support at the seventh stage of the MDMP during the determination of tasks for logistical support in a defensive battle. 1. Development of the application for logistical support to the combat order for defensive combat. 2. Development of a graphic supplement to the logistical support appendix to the combat order for defensive combat.
			2	A formalized document on the definition of logistics support tasks for units for display in the logistics support supplement to the combat order.
11.	Role-playing game	3	2	Lesson 52. Methodology of preparing and conducting a briefing on proving a combat order (OPORD Briefing). 1. Methodology of conducting a briefing on proving a combat order. (Conduct OPORD Briefing).
			1	Preparation of presentation materials for a briefing with company commanders.
Topic 4. Offensive Operations				

12.	Interactive lecture*	3	2		Lesson 1. Basics of offensive actions. 1. General provisions of offensive actions. 2. Purpose, principles and types of offensive actions according to NATO standards. 3. Preparation and conduct of offensive actions. 4. Conducting offensive actions based on the experience of the Russian-Ukrainian war.
				1	Studying the requirements of the governing documents regarding the procedure for preparing and conducting an offensive.
13.	Work syndicates in 6	4		Lesson 2. Offensive operations (actions) of military formations. 1. General provisions for offensive operations (actions) of military formations. 2. Preparation of offensive actions. 3. Conducting offensive actions.	
			2	1. Comparative analysis of approaches to the preparation and conduct of offensive operations in the Armed Forces of Ukraine and NATO member countries. 2. Preparation of abstracts (reports, reports) on the experience of planning and conducting an offensive battle during the Russian-Ukrainian war.	
14.	Interactive lecture*	3	2		Lesson 3. Basics of forcing water obstacles. 1. General provisions for forcing water obstacles. 2. Preparation of an offensive with the forcing of a water obstacle. 3. Conducting an offensive with the forcing of a water obstacle.
				1	Display in the workbooks of the scheme of maneuver during the offensive with the overcoming of a linear obstacle.
15.	Work syndicates in 3	2		Lesson 4. Forcing a water obstacle. 1. Peculiarities of preparation for an offensive with the forcing of a water obstacle. 2. Peculiarities of conducting an offensive with the forcing of a water obstacle.	
			1	Preparation of essays (reports, messages) on planning and conducting an offensive to overcome linear obstacles based on the experience of the Russian-Ukrainian war.	
16.	Interactive lecture*	3	2		Lesson 5. Basics of assault operations. 1. Conditions for conducting assault operations and tasks for military units and units during their conduct. 2. Planning of assault actions. 3. Ways of conducting assault actions.
				1	Preparation of essays (reports, reports) on planning and conducting assault actions. Display in notebooks of the scheme of assault actions.
17.	Work syndicates in 4	2		Lesson 7. Assault actions. 1. Peculiarities of preparation for assault operations. 2. Peculiarities of conducting assault operations in special conditions.	
			2	Display in notebooks of the scheme of assault actions.	

18.	Interactive lecture*	3	2		Lesson 8. Basics of raid operations. 1. Conditions for the transition to raid operations and tasks of military units and units during their conduct. 2. Planning raid operations. 3. Peculiarities of conducting raids based on the experience of the Russian-Ukrainian war..
				1	Display in workbooks of the brigade's maneuver scheme during raid operations.
19.	Work syndicates	in 6	4		Lesson 9. Actions behind enemy lines. 1. Peculiarities of conducting operations behind enemy lines based on the experience of the Russian-Ukrainian war.
				2	Preparation of a report on operations behind enemy lines during the Russian-Ukrainian war.
20.	Work syndicates	in 3	2		Lesson 10. Peculiarities of preparing and conducting a counter fight. 1. Peculiarities of preparation for a counter fight. 2. Peculiarities of counter-fighting.
				1	Preparation of essays (reports, messages) on planning and conducting a counter-attack based on the experience of the Russian-Ukrainian war.
21.	Work syndicates	in 3	2		Lesson 11. Peculiarities of preparation for exiting the environment and exiting the environment. 1. Peculiarities of preparation for leaving the environment. 2. Getting out of the environment.
				1	Preparation of essays (reports, reports) on leaving the environment based on the experience of the Russian-Ukrainian war.
22.	Work syndicates	in 6	4		Lesson 12. Offensive combat in special conditions. 1. Peculiarities of preparing and conducting an offensive battle in the city. 2. Peculiarities of preparing and conducting an offensive battle in mountainous terrain. 3 Peculiarities of preparing and conducting an offensive battle in a wooded area. 4. Peculiarities of preparing and conducting an offensive battle at night.
				2	Preparation of abstracts (reports, messages) on the planning and conduct of an offensive battle by combined military formations in special conditions based on the experience of the Russian-Ukrainian war.
23.	Work syndicates	in 6	4		Lesson 13. Development of methods of offensive actions of military formations based on the experience of the Russian-Ukrainian war. 1. Methods of offensive actions of military formations. 2. Development of the methods of defensive actions of military formations based on the experience of the Russian-Ukrainian war.
				2	1. Preparation for discussion of round table issues. 2. Preparation of a report on the personal experience of participating in the planning and conduct of the offensive during the Russian-Ukrainian war
COMPLEX TACTICAL PROBLEM No. 2 "ATTACK OF BTGr" (EXERCISE)					

24.	Role-playing game*	3	2		Lesson 12. Briefing on bringing the combat order to the headquarters of the BTGr. 1. Receiving an ombre combat order (OPORD receiving).
-----	--------------------	---	---	--	--

				1	1. Preparation of topographic maps, overlays, and standardized document forms. 2. Study of the tactical task.
25.	Role-playing game	6	4		Lesson 13. STEP 1. Receipt of Mission (STEP 1 Receipt of Mission). 1. The work of the BTGr headquarters during the processing of the documents of step 1.
				2	1. Time calculation. 2. Development of preliminary instructions of the battalion commander. 3. Development of preliminary order No. 1.
26.	Role-playing game	9	6		Lesson 14. STEP 2. Mission Analysis (STEP 2. Mission Analysis). 1. Issue COM's initial planning guidance by the BTGr commander. 2. Conduct the mission analysis briefing. 3. Development of preliminary order No. 2 (Develop Warning Order No. 2).
				3	1. Filling in forms of formalized documents regarding the analysis of their units. 2. Development of options for the enemy's actions. 3. Preparation of presentation materials for the briefing.
27.	Role-playing game*	9	4		Lesson 15. STEP 3. Development of action options (STEP 3. Course of Action Development). 1. Develop a decision support matrix (Develop Decision Support Matrix). 2. Development of the synchronization table (Develop Synchronization matrix). 3. Development of schemes of action options (Prepare SOA statements and sketches).
				5	1. Development of a solution support template. 2. Development of the concept of operations for each variant of actions.
28.	Role-playing game	9	6		Lesson 16. Studying the terrain during reconnaissance. Completion of the development of methods of action. 1. Clarifying the placement of areas of special attention (Named Area of Interests (NAI)). 2. Clarifying the location of target areas (Targeting Area of Interests (TAI)). 3. Clarifying the location of Engagement Areas (EA). 4. Refinement of drawing phase lines (Phase Lines (PL)).
				3	1. Preparation of the reconnaissance plan of the operational area. 2. Correction of schemes of action options (districts, routes, phase lines).
29.	Role-playing game	3	2		Lesson 17. STEP 3. Briefing regarding the developed options for actions (STEP 3. Conduct COA briefing). 1. Conduct COA Briefing.
				1	Preparation of presentation materials for the briefing

30.	Role-playing game	6	4	Lesson 18. STEP 4. Analysis of action options (war gaming) (STEP 4. COA Analysis (war gaming)). 1. Wargame the operation. 2. Assessment of the results of the drawing of action options (Assesses the results).
			2	Preparation of maps, schemes, simulation tools and forms of formalized documents for conducting a war game.

31.	Role-playing game*	3	2	Lesson 19. STEP 5. COA Comparison. 1. Preparation and delivery of a briefing on the comparison of courses of action (COA).
			1	1. Evaluation and comparison of COAs, summarizing the results. 2. Preparation of presentation materials for the briefing.
32.	Role-playing game	3	2	Lesson 20. STEP 6. Commander-selected COA Briefing. 1. Conducting the briefing for the commander to approve the course of action and issuing final planning guidance (COM's Decision & COM's Final Planning Guidance).
			1	Development of Warning Order (WARNO) No. 3.
33.	Role-playing game	3	2	Lesson 21. STEP 7. Prepare the Order or Plan 1. Development of the operation order (OPORD).
			1	Preparation of standardized document forms for drafting the OPORD
34.	Role-playing game*	3	2	Lesson 22. STEP 7. Prepare the Order Briefing. 1. Conducting the briefing to present the OPORD (Conduct OPORD Briefing).
			1	Preparation of presentation materials for the briefing to company commanders
35.	Role-playing game	6	4	Lesson 23. Battalion Commander's Organization of Coordination in Offensive Combat. 1. Organization of coordination by the battalion commander during the movement, deployment, and fire preparation for the attack. 2. Organization of coordination during the execution of the immediate task and fire support for advancing troops. 3. Organization of coordination during the execution of the subsequent task and repelling the enemy's counterattack.
			2	Development of a control, coordination, and alert signal table
36.	Role-playing game*	6	4	Lesson 24. Battalion Command in Offensive Combat. 1. Command of battalion units during fire preparation for the attack. 2. Battalion command during the execution of the immediate task. 3. Battalion command during the development of the offensive and the execution of the subsequent task.
			2	Development of a control, coordination, and alert signal table
Topic 5. Air Assault Operations (Air Assault Actions).				

37.	Interactive lecture*	3	2		Lesson 1. Fundamentals of Air Assault Operations. 1. General provisions of air assault operations. 2. Objectives, principles, and methods of conducting air assault operations. 3. Preparation and execution of air assault operations.
				1	Study of the requirements of guiding documents on the preparation and conduct of air assault operations.
38.	Work syndicates in	3	2		Lesson 2. Air assault operations of military units of the Airborne Assault Forces. 1. Technological changes in the operational environment of combat operations. 2. Modern threats and challenges for air assault operations (electronic warfare, ballistic missile defense, anti-drone systems). 3. Risk matrix (high/medium/low) in three categories: information security, logistics, human factor.
				1	Comparative analysis of approaches to preparing and conducting air assault operations in the Armed Forces of Ukraine and NATO member countries. Identification of differences and similarities. Conditions for adaptation.
39.	Interactive lecture*	3	2		Lesson 3. Combat Actions and Enemy Fire Suppression by Army Aviation during Air Assault Operations by Air Forces Units. 1. General provisions on actions and fire suppression by Army Aviation. 2. Preparation and execution of enemy fire suppression by Army Aviation.
				1	Role and place of Army Aviation units during air assault operations.
40.	Work syndicates in	3	2		Lesson 4. Specifics of Actions and Enemy Fire Suppression by Army Aviation during Air Assault Operations by Air Forces Units. 1. Specifics of preparing and planning combat actions by Army Aviation in support of air assault operations. 2. Specifics of executing enemy fire suppression by Army Aviation in support of air assault operations.
				1	Forms and methods of Army Aviation employment.
41.	Interactive lecture*	3	2		Lesson 5. Comprehensive Support for Conducting Air Assault Operations by Air Forces Units. 1. Preparation and planning of comprehensive support for air assault operations. 2. Comprehensive support during the conduct of air assault operations.
				1	Comprehensive support of combat actions.
42.	Work syndicates *	3	2		Lesson 6. Specifics of Comprehensive Support for Conducting Air Assault Operations by Air Forces Units. 1. Specifics of preparing and planning comprehensive support for air assault operations. 2. Specifics of comprehensive support during air assault operations.
				1	Comprehensive support of combat actions.
43.	Interactive lecture*	3	2		Lesson 7. Organization of Coordination During the Conduct of Air Assault Operations by Air Forces Units. 1. Organization of coordination during the execution of the immediate task. 2. Organization of coordination during the execution of the subsequent task.
				1	Coordination plan for conducting air assault operations.

44.	Discussion* under guidance	6	4	Lesson 8. Combat Capabilities Assessment of the air assault Unit. 1. Calculation of the fire capabilities of the air assault unit. 2. Calculation of the striking force of the air assault unit. 3. Calculation of the maneuver capabilities of the air assault unit.
			2	Combat capabilities calculations for the air assault unit.
TACTICAL TASK NO. 3: "ACTIONS OF THE AIR ASSAULT UNIT DURING AIR ASSAULT OPERATIONS (AIR ASSAULT ACTIONS)."				
45.	Role-playing game*	3	2	Lesson 9. Briefing on the delivery of the Combat Order to the Battalion Headquarters. 1. Receipt of the combat order by the air brigade (OPORD receiving).
			1	1. Preparation of topographic maps, overlays, and standardized document forms. 2. Study of the tactical task. .
46.	Role-playing game*	4	2	Lesson 10. Receipt of Mission (STEP 1). 1. Work of the battalion staff on document processing for Step 1. 2. Development of the battalion tactical group commander's preliminary guidance. 3. Development of Warning Order No. 1.
			2	1. Work of the battalion staff on document processing for Step 1. 2. Development of the battalion tactical group commander's preliminary guidance. 3. Development of Warning Order No. 1.
47.	Role-playing game*	9	6	Lesson 11. Mission Analysis (STEP 2). 1. The battalion commander's issuance of initial planning guidance. 2. Conducting the briefing on the results of the mission analysis. 3. Development of Warning Order No. 2.
			3	1. Completion of standardized document forms regarding the analysis of own units. 2. Development of enemy COAs. 3. Preparation of presentation materials for the briefing.
48.	Role-playing game*	9	6	Lesson 12. STEP 3. Course of Action Development (COA Development). 1. Development of the decision support matrix. 2. Development of the synchronization matrix. 3. Preparation of COA statements and sketches.
			3	1. Development of the decision support template. 2. Development of the operational concept for each COA.
49.	Role-playing game*	9	6	Lesson 13. Terrain Study During Reconnaissance. Finalization of COA Development. 1. Refinement of the placement of Named Areas of Interest (NAI). 2. Refinement of the placement of Targeting Areas of Interest (TAI). 3. Refinement of the placement of Engagement Areas (EA). 4. Refinement of Phase Line (PL) markings.

			3	1. Preparation of the reconnaissance plan for the operational area. 2. Adjustment of COA sketches (areas, routes, phase lines).
50.	Role-playing game*	3	2	Lesson 14. STEP 3. Conduct COA Briefing. 1. Conducting the Course of Action (COA) Briefing.
			1	Preparation of presentation materials for the briefing.
51.	Role-playing game*	6	4	Lesson 15. STEP 4. COA Analysis (War Gaming). 1. Conducting a war game of the COAs. 2. Evaluating the results of the war game.
			2	Preparation of maps, sketches, simulation tools, and standardized document forms for the war game.
52.	Role-playing game*	3	2	Lesson 16. STEP 5. COA Comparison. 1. Preparation and conduct of the COA comparison briefing.
			1	1. Evaluation and comparison of COAs, summarizing the results. 2. Preparation of presentation materials for the briefing. .
53.	Role-playing game*	3	2	Lesson 17. STEP 6. Commander-Selected COA Briefing. 1. Conducting the briefing for the commander's approval of the COA and issuing guidance for final battle planning.
			1	Development of Warning Order No. 3.
54.	Role-playing game*	3	2	Lesson 18. STEP 7. Prepare the Order or Plan. Development of the operation order/plan (OPORD production).
			1	Preparation of standardized document forms for drafting the OPORD.
55.	Role-playing game*	3	2	Lesson 19. STEP 7. Prepare the Order Briefing. 1. Conducting the briefing to deliver the operation order (OPORD Briefing).
			1	Preparation of presentation materials for the briefing to unit commanders.
56.	Role-playing game*	6	4	Lesson 20. Organization of Coordination by the air assault unit commander during the conduct of air assault operations. 1. Organization of coordination during the air movement. 2. Organization of coordination during the fire engagement. 3. Organization of coordination during the return. .
			2	Development of a control, coordination, and alert signal table.
57.	Role-playing game*	8	6	Lesson 21. Conducting Fire Combat. Commanding an Air Assault Unit during Task Execution. 1. Air Assault Unit Landing. 2. Commanding units during fire combat. Preparation of operational maps (encoding), development of control, coordination, and alert signal tables..
			2	Preparation of operational maps (encoding), development of control, coordination, and alert signal tables..

TOPIC 6. CONDUCTING RAID OPERATIONS.					
58.	Interactive lecture*	3	2		Lesson 1. Basics of Raid Operations. 1. General principles of raid operations. 2. Objectives, principles, and methods of conducting raid operations. 3. Preparation and execution of raid operations.
				1	Studying the requirements of governing documents on the procedures for preparing and conducting raid operations.
59.	Work syndicates	in 3	2		Lesson 2. Conducting Raid Operations by Air Assault Forces Units. 1. General principles of raid operations. 2. Preparation for raid operations. 3. Execution of raid operations.
				1	Comparative analysis of the approaches to preparing and conducting raid operations in the Armed Forces of Ukraine and NATO member states.
60.	Interactive lecture*	3	2		Lesson 3. Targets for Capture (Destruction) during Raid Operations. 1. Characteristics of capture (destruction) targets. 2. The enemy's security and defense systems of targets..
				1	Schematics of enemy targets.
61.	Work syndicates	in 3	2		Lesson 4. Specifics of Security and Defense of Enemy Targets during Raid Operations. 1. Specifics of the security and defense of the enemy's command and weapon control points. 2. Specifics of the security and defense of airfields and rear-area facilities.
				1	Organization of security and defense systems for airfields, bases (depots), command points, and communication hubs.
62.	Interactive lecture*	3	2		Lesson 5. Comprehensive Support for Raid Operations by Air Assault Forces Units. 1. Preparation and planning of comprehensive support for raid operations. 2. Comprehensive support during raid operations.
				1	Comprehensive support for combat operations.
63.	Work syndicates	in 3	2		Lesson 6. Specifics of Comprehensive Support for Raid Operations by Air Assault Forces Units. 1. Specifics of preparation and planning of comprehensive support for raid operations. 2. Specifics of comprehensive support during raid operations.
				1	Comprehensive support for combat operations.
64.	Interactive lecture*	3	2		Lesson 7. Organization of Coordination During the Conduct of Raiding Operations by Air Assault Units. 1. Organization of coordination during the movement to the start line for raiding operations. 2. Organization of coordination during the execution of raid tasks. 3. Organization of coordination during the disengagement and concentration in the recovery area.
				1	Development of the coordination plan for raiding operations.

65.	Demonstration and execution of activities *	8	6		Lesson 8. Calculation of Combat Capabilities of Air Assault Units During Raiding Operations. 1. Calculation of fire capabilities. 2. Calculation of maneuver capabilities. 3. Calculation of the brigade's combat capabilities regarding the capture (destruction) of enemy rear targets. .
				2	Calculation of the combat capabilities of the raiding unit.
TACTICAL TASK NO. 4: CONDUCTING RAIDING OPERATIONS BY A BRIGADE (BATTALION).					
66.	Role-playing game*	3	2		Lesson 9. Briefing for Delivering the Operation Order to the Brigade Headquarters. 1. Receiving the operation order (OPORD receiving).
				1	1. Preparation of topographic maps, overlays, and standardized document forms. 2. Study of the tactical task.
67.	Role-playing game*	6	4		Lesson 10. Receipt of Mission (STEP 1). 1. Brigade staff work during the processing of first-step documents. 2. Development of the brigade commander's initial guidance. 3. Development of Warning Order No. 1.
				2	1. Brigade staff work during the processing of first-step documents. 2. Development of the brigade commander's initial guidance. 3. Development of Warning Order No. 1.
68.	Role-playing game*	9	6		Lesson 11. Mission Analysis (STEP 2). 1. Brigade commander issues initial planning guidance (Issue COM's initial planning guidance). 2. Conducting the mission analysis briefing. 3. Development of Warning Order No. 2.
				3	1. Filling out standardized document forms for unit analysis. 2. Development of enemy COAs. 3. Preparation of presentation materials for the briefing. .
69.	Role-playing game*	9	6		Lesson 12. Course of Action Development (STEP 3). 1. Development of the Decision Support Matrix. 2. Development of the Synchronization Matrix. 3. Preparation of COA statements and sketches.
				3	1. Drafting the decision support template. 2. Developing operational concepts for each COA.
70.	Role-playing game*	9	6		Lesson 13. Terrain Study During Reconnaissance. Finalizing Courses of Action. 1. Clarifying the location of Named Areas of Interest (NAI). 2. Clarifying the location of Targeting Areas of Interest (TAI). 3. Clarifying the location of Engagement Areas (EA). 4. Clarifying the layout of Phase Lines (PL).
				3	1. Preparation of the reconnaissance plan for the operational area. 2. Adjustment of course of action schemes (areas, routes, phase lines).

71.	Role-playing game*	3	2		Lesson 14. STEP 3. Conducting the COA Briefing. 1. Conducting the Course of Action briefing (COA Briefing).
				1	
72.	Role-playing game*	6	4		Lesson 15. STEP 4. COA Analysis (War Gaming). 1. War gaming the course of action. 2. Assessing the results of the war game.
				2	
73.	Role-playing game*	3	2		Lesson 16. STEP 5. COA Comparison. 1. Preparing and conducting a briefing on the comparison of courses of action.
				1	
74.	Role-playing game*	3	2		Lesson 17. STEP 6. Conducting the COA Approval Briefing. 1. Conducting the briefing on the approval of the COA and providing instructions for completing raid planning.
				1	
75.	Role-playing game*	3	2		Lesson 18. STEP 7. Order Production and Issuance. 1. Development of the operation order/plan (OPORD production).
				1	
76.	Role-playing game*	3	2		Lesson 19. STEP 7. Conducting the OPORD Briefing. 1. Conducting the briefing on the operation order (OPORD Briefing).
				1	
77.	Role-playing game*	6	4		Lesson 20. Organization of Coordination by the Raid Unit Commander During the Conduct of Raiding Operations. 1. Coordination during the movement to the start line of raiding operations. 2. Coordination during the execution of the raid.
				2	
78.	Role-playing game*	8	6		Lesson 21. Command of the Raid Unit During Raiding Operations. 1. Command of the raid unit during the movement to the start line of raiding operations. 2. Command of the raid unit during the execution of the raid.
				2	
TOPIC 7. JOINT OPERATIONS.					
175.	Interactive lecture*	2	2		Lesson 1. The Role of the Ground Forces in Joint Operations. 1. Components of Joint Operations according to NATO standards. 2. The place and role of the Ground Forces in Joint Operations.
176.	Interactive lecture*	2	2		Lesson 2. The Role of the Air Forces in Joint Operations. 1. The place and role of the Air Forces in Joint Operations. 2. Main principles, forms, and methods of employing the Air Forces.

177.	Interactive lecture*	2	2		Lesson 3. Basics of the Naval Forces' Use in Stabilization, Defensive, and Offensive (Counteroffensive) Operations in Joint Operations. 1. General provisions regarding the use of Naval Forces in stabilization, defensive, and offensive (counteroffensive) operations within a joint forces grouping. 2. Specifics of the preparation and use of Naval Forces in stabilization, defensive, and offensive (counteroffensive) operations.
178.	Work in syndicates	6	4		Lesson 4. Methods of Action for Military Units and Branches in Joint Operations. 1. Methods of action for Ground Forces units and branches in Joint Operations. 2. Methods of action for Air Force units and branches in Joint Operations. 3. Methods of action for Naval Forces units and branches in Joint Operations.
				2	Preparation of presentation materials for the group project defense.
179.	Interactive lecture*	2	2		Lesson 5. Features of Operational-Level Headquarters Work During the Operational Planning Process (OPP, JOPP). 1. Steps (phases) of the operational planning process according to NATO standards (OPP, JOPP). 2. Specifics of the operational planning process in the Ukrainian Armed Forces during the Russo-Ukrainian War.
TOPIC 8. PRACTICAL TRAINING					
180.	Interactive lecture	3	2		Lesson 1. Use of Simulation Modeling Tools in Military Training. Preparation for Command-Staff Exercises Using Simulation Tools. 1. The essence, tasks, and methods of simulation modeling. 2. Specifics of preparing for command-staff exercises using combat simulation modeling tools. 3. Specifics of conducting command-staff exercises with the use of simulation modeling.
				1	Study of Theoretical Provisions on the Use of Simulation Modeling Tools in Military Training and Preparation for Command-Staff Exercises Using Simulation Modeling Tools.
181.	Демонстрація та здійснення діяльності	6	4		Lesson 2. Interface of the Simulation Modeling Tool. 1. Interface of the JCATS simulation tool workstation. 2. Purpose of the main elements of the vertical and horizontal panels. 3. Formation of units from combat entities and personnel, and disbandment of the unit into separate combat entities (soldiers). 4. Viewing or changing the unit's combat formation. .
				2	Construct the combat formation of a unit using the JCATS system.
182.	Демонстрація та здійснення діяльності*	3	2		Lesson 3. Object Management and General Scenario Conditions. 1. Changing the view radius of a combat entity or unit. 2. Changing the position of a combat entity or unit. 3. General scenario settings. 4. Message exchange and graphical dissemination of instructions.
				1	Training in object management using the JCATS system.*

183.	Демонстрація та здійснення діяльності*	6	4		Lesson 4. Management of Combat Entity and Unit Movement. Management of Group Movement of Combat Entities and Units. 1. Movement planning. 2. Creating and using movement routes. 3. Changing the movement plan or route of a single combat entity or unit. 4. Managing the movement of combat entities and units as part of a "convoy." .
				2	Training in managing the movement of combat entities and units.
184.	Демонстрація та здійснення діяльності*	9	6		Lesson 5. Conducting Fire Engagement Using the JCATS Simulation Tool. 1. Automatic fire settings. 2. Planning fire suppression of an area or building. 3. Planning fire on individual targets.
				3	Training in conducting fire engagement using the JCATS simulation tool.
TACTICAL TASK No. 5 “PLANNING THE BRIGADE’S OFFENSIVE ACTIONS. MANAGING BRIGADE UNITS DURING THE OFFENSIVE”					
180.	Role-playing game*	4	2		Lesson 6. Briefing on communicating combat orders to brigade headquarters. 1. Receiving combat orders (OPORD receiving).
				2	1. Preparation of topographic maps, overlays, and formalized document templates. 2. Study of tactical tasks.
181.	Role-playing game*	7	4		Lesson 7. Receipt of Mission (STEP 1).
				3	1. Work of the brigade headquarters during the processing of first step documents. 2. Development of preliminary instructions from the brigade commander. 3. Development of preliminary order No. 1.
182.	Role-playing game*	9	6		Lesson 8. Mission Analysis (STEP 2). 1. Brigade commander issues initial planning guidance (Issue COMs initial planning guidance). 2. Conduct the mission analysis briefing. 3. Develop Warning Order No. 2 (Develop Warning Order No. 2).
				3	1. Filling out formalized documents regarding the analysis of their units. 2. Developing options for enemy actions. 3. Preparing presentation materials for the briefing.
183.	Role-playing game*	9	6		Lesson 9. STEP 3. Course of Action Development. 1. Develop Decision Support Matrix. 2. Develop Synchronization Matrix. 3. Prepare COA statements and sketches.

				3	1. Development of a decision support template. 2. Development of an operational concept for each course of action.
184.	Role-playing game*	9	6		Lesson 10. Studying the terrain during reconnaissance. Finalizing the plan of action. 1. Specifying the location of areas of special interest (Named Area of Interest (NAI)). 2. Refining the location of Targeting Areas of Interest (TAI). 3. Refining the location of Engagement Areas (EA). 4. Refining the drawing of Phase Lines (PL).
				3	1. Preparation of a reconnaissance plan for the operational area. 2. Adjustment of action plans (areas, routes, phase lines).
185.	Role-playing game*	4	2		Lesson 11. STEP 3. Conduct COA briefing. 1. Conduct COA Briefing/
				2	Preparation of presentation materials for the briefing.
186.	Role-playing game*	7	4		Lesson 12. STEP 4. COA Analysis (war gaming). 1. Wargame the operation. 2. Assess the results.
				3	Preparation of maps, diagrams, simulation tools, and formalized document templates for conducting military games.
187.	Role-playing game*	6	4		Lesson 13. Comparison of action options (STEP 5. COA Comparison). 1. Preparation and conduct of a briefing on the comparison of action options.
				2	1. Evaluation and comparison of options for action, summarization of results obtained. 2. Preparation of presentation materials for the briefing.
188.	Role-playing game*	6	4		Lesson 14. STEP 7. Prepare the order or plan. 1. OPOD production.
				2	Preparation of formalized document templates for developing combat orders.
189.	Role-playing game*	4	2		Lesson 15. STEP 7. Conducting a briefing on communicating combat missions (STEP 7. Prepare the order briefing). 1. Conducting a briefing on communicating combat orders (Conduct OPOD Briefing).
				2	Preparation of presentation materials for a briefing with unit commanders.

190.	Role-playing game*	7	4		Lesson 16. Organization of interaction by the brigade commander for conducting offensive combat. 1. Organization of interaction during advancement to the line of commencement of raid operations. 2. Organization of interaction during the conduct of raid operations.
				3	Development of a table of control, interaction, and notification signals.
191.	Role-playing game*	9	6		Lesson 17. Commanding brigade units during offensive combat operations. 1. Commanding brigade units during advance to the starting line. 2. Commanding brigade units during offensive combat operations.
				3	Preparation of working charts (coding), development of control, interaction, and notification signal tables.
TACTICAL TASK No. 6: “PLANNING DEFENSIVE ACTIONS OF THE BRIGADE. MANAGEMENT OF BRIGADE UNITS DURING DEFENSIVE COMBAT OPERATIONS”					
192.	Role-playing game*	4	2		Lesson 6. Briefing on communicating combat orders to brigade headquarters. 1. Receiving combat orders (OPORD receiving).
				2	1. Preparation of topographic maps, overlays, and formalized document templates. 2. Study of tactical tasks.
193.	Role-playing game*	7	4		Lesson 7. Receipt of Mission (STEP 1).
				3	1. Work of the brigade headquarters during the processing of first step documents. 2. Development of preliminary instructions from the brigade commander. 3. Development of preliminary order No. 1.
194.	Role-playing game*	9	6		Lesson 8. Mission Analysis (STEP 2). 1. Brigade commander issues initial planning guidance (Issue COMs initial planning guidance). 2. Conduct the mission analysis briefing. 3. Develop Warning Order No. 2 (Develop Warning Order No. 2).
				3	1. Filling out formalized documents regarding the analysis of their units. 2. Developing options for enemy actions. 3. Preparing presentation materials for the briefing.
195.	Role-playing game*	9	6		Lesson 9. STEP 3. Course of Action Development. 1. Develop Decision Support Matrix. 2. Develop Synchronization Matrix. 3. Prepare COA statements and sketches.
				3	1. Development of a decision support template. 2. Development of an operational concept for each course of action.

196.	Role-playing game*	9	6		Lesson 10. Studying the terrain during reconnaissance. Finalizing the plan of action. 1. Specifying the location of areas of special interest (Named Area of Interest (NAI)). 2. Refining the location of Targeting Areas of Interest (TAI). 3. Refining the location of Engagement Areas (EA). 4. Refining the drawing of Phase Lines (PL).
				3	1. Preparation of a reconnaissance plan for the operational area. 2. Adjustment of action plans (areas, routes, phase lines).
197.	Role-playing game*	4	2		Lesson 11. STEP 3. Conduct COA briefing. 1. Conduct COA Briefing/
				2	Preparation of presentation materials for the briefing.
198.	Role-playing game*	7	4		Lesson 12. STEP 4. COA Analysis (war gaming). 1. Wargame the operation. 2. Assess the results.
199.	Role-playing game*	6	4	3	Preparation of maps, diagrams, simulation tools, and formalized document templates for conducting military games.
					Lesson 13. Comparison of action options (STEP 5. COA Comparison). 1. Preparation and conduct of a briefing on the comparison of action options.
200.	Role-playing game*	6	4	2	1. Evaluating and comparing options for action, summarizing the results obtained. 2. Preparing presentation materials for the briefing.
					Lesson 14. STEP 7. Prepare the order or plan. 1. OPORD production.
201.	Role-playing game*	4	2	2	Preparation of formalized document templates for developing combat orders.
					Lesson 15. STEP 7. Conducting a briefing on communicating combat missions (STEP 7. Prepare the order briefing). 1. Conducting a briefing on communicating combat orders (Conduct OPORD Briefing).
202.	Role-playing game*	7	4	2	Preparation of presentation materials for a briefing with unit commanders.
					Lesson 16. Organization of interaction by the brigade commander during defensive combat. 1. Organization of interaction during the brigade's occupation of the defense zone. 2. Organization of interaction for defensive combat.
203.	Role-playing game*	9	6	3	Development of a table of control, interaction, and notification signals.

				Lesson 17. Commanding brigade units during defensive combat. 1. Commanding during the brigade's occupation of the defense zone. 2. Commanding the brigade's raid during defensive combat.
184	Контрольне заняття*	6	4	Екзамен
			2	Підготуватись до відповідей на екзаменаційні білети.

Head of the Department of Air Assault Forces
Colonel

Ihor Danyliuk