

APPROVED

By the Council of the ENDC on 18 June 2009

Amended

Approved by the ENDC Council on 29th November 2009, 11th February 2009, 15th April 2010, 16th June 2010, 24th November 2010, 14th June 2011, 17th January 2012, 15th May 2012, 12th June 2013, 11th June 2014, 16th June 2015

Last amended

By the decision of the Council of the ENDC of 14 June 2016

<b>Name of the Curriculum in Estonian</b>	<b>Sõjaväeline juhtimine maaväes</b>
<b>Name of the Curriculum in English</b>	<i>Military Leadership for Land Forces</i>
<b>Level of Higher Education Studies</b>	<b>Professional higher education</b>
<b>Form of Study</b>	Regular studies (full-time), external studies
<b>Educational institution</b>	Estonian National Defence College (ENDC)
<b>Volume of Studies</b>	186 European Credit Points (ECP)
<b>Nominal Period of Study</b>	3 years
<b>Field of Study</b>	National Defence
<b>Curriculum Reg. No. in EHS</b>	80045
<b>Language of Instruction</b>	Estonian
<b>Other Languages Required for the Achievement of the Curriculum Outcomes</b>	English
<b>Approval and Registration of the Curriculum in EHS</b>	Approved by Ministry of Defence Order No 237 of 24th September 2004, registered in EHS on 29th April 2004.
<b>Approval of the Curriculum in the Educational Institution</b>	Approved by the ENDC Council on 18th June 2009.
<b>Candidate Requirements</b>	Estonian citizenship, secondary education, eligibility for active service, taking entrance tests.
<b>Requirements for the Admission to the Curriculum</b>	Male candidates are required to have completed compulsory military service, female candidates are required to have received the training prescribed for compulsory military service. Matriculation, entering active service, posting in the EDF, completion of a synchronization course in the ENDC.
<b>Major Specialization and its Volume Within the Curriculum</b>	Military Leadership for Land Forces, 151 ECP.
<b>Specialization Within the Curriculum</b>	Infantry, mechanized infantry, engineering, air defence, artillery, communications or logistics specialty, 35 ECP.
<b>Objectives of the Curriculum</b>	The aim of this curriculum is to prepare junior officers for service as platoon and company/battery commanders in

	<p>peacetime and wartime posts for the Estonian Defence Forces and Defence League. The module has been compiled considering the work environment and tasks that an officer should perform creatively as part of his/her job - those of a leader, administrator, educator, diplomat and technician. The curriculum enables specialisation in infantry, mechanized infantry, engineering, air defence, artillery, communications or logistics specialties.</p>
<b>Outcomes of the Curriculum</b>	<p>After completion of this curriculum the student:</p> <ol style="list-style-type: none"> <li>1) Is capable of leading a platoon and company-sized unit in peacetime and wartime conditions;</li> <li>2) Has acquired the required knowledge and skills for planning, executing and evaluating the training of a platoon-sized unit;</li> <li>3) Is capable of acting as an expert in a unit up to the size of battalion, according to his or her specialisation;</li> <li>4) Knows and is able to use the equipment and armament of an infantry platoon and the branch of service he/she has specialised in;</li> <li>5) Has an understanding of the principles of cooperation between military and civilian structures and services in an international work environment;</li> <li>6) Is aware of different aspects of military development, knows the relevant concepts, regularities and potential applications of different scientific and technological developments in warfare. Has an understanding of warfare as an activity that involves the whole of society with its different areas;</li> <li>7) Is able to understand and explain the issues related to his or her work in Estonian and in at least one foreign language in written and oral form;</li> <li>8) Is capable of choosing appropriate ways and means for fulfilling his or her duties by collecting information independently, interpreting it creatively and critically and formulating the results into research work as required;</li> <li>9) By taking societal and ethical questions into account, is able to assess his or her role and the consequences on society of his or her actions as a military leader;</li> <li>10) Is able to continue his or her studies and personal development independently.</li> </ol>
<b>Degree Certificate Awarded Upon Graduation</b>	A bachelor's degree of professional higher education (Military Leadership for Land Forces)
<b>Documents Awarded Upon</b>	A diploma of professional higher education, a diploma

<b>Graduation</b>	supplement in Estonian and English language.
<b>Rank Awarded Upon Graduation</b>	Second Lieutenant
<b>Qualifications Awarded Upon Graduation</b>	Qualification of the teacher of national defence.
<b>Short Description of the Curriculum</b>	<p>The curriculum consists of the following modules:</p> <ul style="list-style-type: none"> <li>- - general leadership module (30-33 ECP),</li> <li>- - military leadership module (64-67 ECP),</li> <li>- - technology module (21-24 ECP),</li> <li>- - pedagogy and research module (33-36 ECP),</li> <li>- - choice of specialisation module (35 ECP).</li> </ul>
<b>Completion of the Curriculum</b>	<p>Completion of all modules and subjects listed in the curriculum is obligatory for regular full-time students. A module is completed according to the progression of subjects as prescribed by the ENDC. Specialisation modules are made available based on the needs of the Estonian Defence Forces.</p> <p>As an external or visiting student the modules and/or subjects are completed in the manner prescribed by the ENDC (passing prerequisite subjects, limitations to participating in studies arising from the Defence Forces Service Act).</p> <p>The studies after the completion of the curriculum are provided with regard to the person's eligibility for active service fulfilling the post of a junior officer.</p>
<b>Graduation Requirements</b>	In order to complete the entire curriculum, a student must pass subjects up to a total of 176 ECP (incl. an elective subject valued at 3 ECP) and defend a final paper valued at 10 ECP.
<b>More Information</b>	<a href="http://www.ksk.edu.ee">www.ksk.edu.ee</a>

## MODULES AND SUBJECTS OF THE CURRICULUM MILITARY LEADERSHIP FOR LAND FORCES

<b>- GENERAL LEADERSHIP MODULE (30-33 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
JP16.01	Fundamentals of Leadership	2 ECP	ND	III
ST16.01	Law of National Defence	2 ECP	D	I-II
ST16.02	Law of Armed Conflict	2 ECP	D	I-II
JP16.02	Individual and Society	2 ECP	D	II
ST14.01	State, Politics and Government	2 ECP	D	IV
ST16.03	World Military History	4 ECP	D	II, IV
ST09.02	Estonian Military History	4 ECP	D	III
ST16.04	Security Policy and Defence Strategy	4 ECP	D	IV
KK16.01	English (Level B1)**	4 ECP	ND	II
KK16.02	English (Level B1+)**	4 ECP	ND	II
KK16.03	English (Level B2)**	4 ECP	ND	II
KK16.04	Specialised English for Land Forces	2 ECP	ND	II-III
KK13.01	Written and Oral Self-expression in Estonian	3 ECP	D	III
KK16.05	English Elective (Level B1+)*	3 ECP	ND	IV
JP16.03	Communication Psychology*	3 ECP	ND	IV

<b>MILITARY LEADERSHIP MODULE (64-67 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK16.01	Fundamentals of Combat Operations	3 ECP	ND	I
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	D	I-II
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	D	III-IV
TK16.04	Resistance Movement	2 ECP	ND	IV
TK16.05	Infantry Platoon Stability Activities	2 ECP	ND	II
TK16.06	Basic Studies - Planning and Command of Battalion Combat Operations	2 ECP	ND	V
TK16.07	Practical Placement - Command of Infantry Platoon Combat Operations	2 ECP	ND	V
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	ND	IV
JP16.05	Management of Peacetime Unit I	2 ECP	ND	IV
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	ND	V
ST16.05	Institutions and Tasks of Internal Security*	3 ECP	ND	IV

<b>TECHNOLOGY MODULE (21-24 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
LT16.01	Military Technology I: Tactical Communication, Electronic Warfare and Field Power Networks	3 ECP	ND	I-II
LT16.03	Military Technology II: Technical Equipment and Other Equipment of a	2 ECP	ND	III

	Tactical Unit			
LT16.04	Military Technology III: Land Based Platforms	2 ECP	ND	IV
LT16.05	Military Technology: Weaponry	2 ECP	ND	IV
LT16.06	Military Technology V: Optronics and Communication Equipment	2 ECP	ND	IV
TK16.08	Fire Control	2 ECP	ND	I
LT16.08	Topography and Geoinformation Systems	3 ECP	D	I, II
TK16.09	Medical Studies	3 ECP	ND	I, II
TK16.10	Basics of Antitank Studies	2 ECP	ND	I
LT16.09	Applied Military Technology Research*	3 ECP	ND	IV
JP16.07	Quantitative Data Analysis*	3 ECP	ND	IV

<b>PEDAGOGY AND RESEARCH MODULE (33-36 ECP)</b>				
Code	Subject	Volume	Assessment	Semester
JP16.08	Applications of Psychology in the Defence Forces	3 ECP	ND	II
JP16.09	Didactics of National Defence	2 ECP	ND	IV
JP16.10	Instructor Course	10 ECP	D	II-III
JP16.11	Planning Infantry Platoon Training	2 ECP	ND	IV
JP16.12	Physical Training	2 ECP	ND	IV
JP16.13	Fundamentals of Scientific Research	4 ECP	D	III-IV
JP16.14	Communicative Teaching Methods*	3 ECP	ND	IV
VT14.01	Final Paper	10 ECP	D	IV-VI

<b>SPECIALISATION MODULE I - INFANTRY SPECIALTY (35 ECP)</b>				
Code	Subject	Volume	Assessment	Semester
TK15.04	Material Technical Training of Antitank Weapons, their Tactical Use and Firing	7 ECP	D	IV-VI
TK16.11	Material Technical Training of Mortars, their Tactical Use and Firing	9 ECP	ND	IV-VI
TK16.12	Tactics of a Reconnaissance Subunit and Intelligence Preparation of a Battlefield	4 ECP	ND	IV-VI
TK09.32	Tactics of Mechanized Unit	3 ECP	ND	IV-VI
JP16.15	Preparing Live Fire Exercises	2 ECP	ND	IV-VI
JP16.16	Practical Placement - Conducting Live Fire Exercises	6 ECP	ND	IV-VI
LT16.10	Technology Studies	4 ECP	D	V-VI

<b>SPECIALISATION MODULE II – MECHANIZED INFANTRY SPECIALTY (35 ECP)</b>				
Code	Subject	Volume	Assessment	Semester
TK15.07	Material-technical Issues and Teamwork of an Infantry Fighting Vehicle.	15 ECP	D	V-VI
TK15.08	Tactics and command of of Mechanized Infantry Units	12 ECP	D	V-VI
JP16.15	Preparing Live Fire Exercises	2 ECP	ND	V-VI
JP16.16	Practical Placement - Conducting Live Fire Exercises	6 ECP	ND	V-VI

<b>SPECIALISATION MODULE III – ENGINEERING SPECIALTY (35 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
LT14.03	Applied Mechanics	2 ECP	ND	V–VI
LT14.04	Fundamentals of Geodesy and Applied Geology	2 ECP	ND	V–VI
TK15.10	Countermobility and Blasting Works	5 ECP	D	V–VI
TK15.09	Mobility Assurance	6 ECP	D	V–VI
JP16.17	Live Fire Exercises (LFX) and Blasting	5 ECP	D	V–VI
TK14.15	Engineer Equipment and Engineer Reconnaissance	3 ECP	D	V–VI
TK14.16	Combat Capability Sustainment	3 ECP	D	V–VI
TK14.17	Combat Operations of an Engineer Platoon and Engineer Company	9 ECP	D	V–VI

<b>SPECIALISATION MODULE IV – AIR DEFENCE SPECIALTY (35 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK16.13	Fundamentals of Air Defence	2 ECP	ND	V–VI
LT16.11	Air Defence Communications and Fire Control	8 ECP	D	V–VI
TK16.14	Weapons and Combat Training of an Anti-aircraft Cannon Battery	10 ECP	D	V–VI
TK16.15	Weapons and Combat Training of an Anti-aircraft Missile Battery	7 ECP	D	V–VI
JP16.18	Practical Placement - Air Defence Instructor	3 ECP	ND	V–VI
TK09.52	Practical Placement - Planning and Command of Air Defence Combat Activities	5 ECP	ND	V–VI

<b>SPECIALISATION MODULE V – ARTILLERY SPECIALTY (35 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK15.11	Fundamentals of Artillery	2 ECP	D	V–VI
TK15.12	Fire Support of an Infantry Company and Infantry Battalion, Fire Control	2 ECP	D	V–VI
TK15.13	Artillery Weapons and Ammunition, Tasks of a Gun Section	8 ECP	D	V–VI
TK15.14	Safety Measures and Safety Personnel in Artillery Firings	2 ECP	ND	V–VI
LT16.12	Calculation of Artillery Firing Data	6 ECP	D	V–VI
LT16.13	Artillery Survey	6 ECP	D	V–VI
TK15.17	Combat Training of a Fire Platoon and Fire Battery	3 ECP	D	V–VI
TK15.18	Practical Placement - Artillery Specialty	6 ECP	ND	V–VI

<b>SPECIALIZATION MODULE VI – COMMUNICATIONS SPECIALTY (35 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
LT09.08	Fundamentals of Electrical Engineering	4 ECP	ND	V–VI
LT12.01	Fundamentals of Communications Technology	5 ECP	D	V–VI

LT14.05	Fundamentals of Information Technology	5 ECP	D	V-VI
TK12.07	Communications Tactics	3 ECP	D	V-VI
LT16.14	Communications Equipment, Networks and Procedures	10 ECP	D	V-VI
JP16.19	Practical Placement of a Communications Officer-Instructor	8 ECP	ND	V-VI

<b>SPECIALISATION MODULE VII – LOGISTICS SPECIALTY (35 ECP)</b>				
<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK16.16	Fundamentals of Civilian Logistics	2 ECP	D	V-VI
TK16.17	Logistics of the Estonian Defence Forces	3 ECP	D	V-VI
LT15.02	Fundamentals of Economics and Accounting	4 ECP	D	V-VI
TK16.18	Risks and Safety	3 ECP	ND	V-VI
JP16.20	Peacetime Administration and Materials Management	3 ECP	D	V-VI
TK16.19	Transport Management	2 ECP	ND	V-VI
LT16.15	Transport Economics	3 ECP	D	V-VI
LT15.04	Technology Studies	3 ECP	ND	V-VI
TK16.20	Logistics Functions on the Battlefield	4 ECP	ND	V-VI
TK15.25	Planning and Command of Logistic Support	4 ECP	D	V-VI
TK15.26	Practical Placement - Planning and Command of Logistic Support	4 ECP	ND	V-VI

## MODULES OF THE CURRICULUM, THEIR OBJECTIVES AND OUTCOMES

<b>GENERAL LEADERSHIP MODULE</b>		<b>Volume 30-33 ECP</b>
<b>Objective</b>	The objective of the general leadership module is to provide the student with the necessary fundamental knowledge and skills that support a military leader's completion of different tasks. After completion of the module the students will form an understanding of society in the modern security environment, of the role of the defence structures and members of defence forces in democratic society, state principles based on the rule of law, national security policy, military history and its directions of development. After completion of the module students will understand Estonian and at least one foreign language and will be able to express themselves in these languages in both oral and written form.	
<b>Outcomes</b>	After completion of the general leadership module the student: <ol style="list-style-type: none"> <li>1) Knows and is able to explain and analyse the rights, responsibilities and duties of a leader based on the legal and ethical principles of civil society, security policy, defence strategy and social sciences;</li> <li>2) Knows the stages in world and Estonian military history, can explain and analyse the historical background of Estonian security policy;</li> <li>3) Can express him-/herself correctly both in oral and written Estonian and uses his/her language register purposefully;</li> <li>4) Is proficient in English at the lower B1 level of the Common European Framework of Reference for Languages in all skills (listening, speaking, reading, writing);</li> <li>5) Understands his or her role as a member of civil society and is able to assess the influence of his or her attitudes and actions on the society and the Defence Forces, taking scientific, societal, legal and ethical principles into account.</li> </ol>	
<b>Assessment:</b> the module is assessed on the basis of subjects.		

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
JP16.01	Fundamentals of Leadership	2 ECP	ND	III
ST16.01	Law of National Defence	2 ECP	D	II
ST16.02	Law of Armed Conflict	2 ECP	D	II
JP16.02	Individual and Society	2 ECP	D	II
ST14.01	State, Politics and Government	2 ECP	D	IV
ST16.03	World Military History	4 ECP	D	II, IV
ST09.02	Estonian Military History	4 ECP	D	III
ST16.04	Security Policy and National Defence	3 ECP	D	IV
KK16.01	English (Level B1)**	4 ECP	ND	II
KK16.02	English (Level B1+)**	4 ECP	ND	II
KK16.03	English (Level B2)**	4 ECP	ND	II
KK16.04	Specialised English for Land Forces	2 ECP	ND	II-III
KK13.01	Written and Oral Self-expression in	3 ECP	D	III



	Estonian			
KK16.05	English Elective (Level B1+)*	3 ECP	ND	IV
JP16.03	Communication Psychology*	3 ECP	ND	IV

Subjects in the module (except the elective subject\*) are obligatory for regular full-time students. In order to complete the entire curriculum in full the student must pass elective subjects to a volume of 3 ECP. The English course\*\* is passed according to the language level of students. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	JP16.01
Subject	Fundamentals of Leadership
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students knowledge of leadership and organization theory including their main concepts, development and current central issues. The subject aims to develop the basic knowledge and skills of the students as leaders, allowing them to understand the functioning principles of different organizations in various circumstances and plan their activities as leaders in militarily structured organizations.
Outcomes of the Subject	After completion of the subject the student: 1) Understands the nature of leadership and organisation theory and current issues in the field; 2) Knows different types of organisation and their working principles and can find correlations to militarily organised organisations; 3) Knows the underlying principles of leadership, knows the classification of leaders as well as the different roles and functions of leaders; 4) Is able to distinguish between different leadership styles and methods, and can analyse their impact on human behaviour; 5) Is able to associate different leadership and organisation theories with practical leadership solutions and is able to analyze himself as a leader in his future job.

Subject Code	ST16.01
Subject	Law of National Defence
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students knowledge of the main concepts of law, fundamentals of public law and national defence law. The subject also provides the basic skills for applying this knowledge when solving routine practical tasks in peacetime service in the Estonian Defence Forces.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the concepts and sources of law, can distinguish between different areas of law, as well as legal subjects and relationships; 2) Is able to describe the organisation of the Republic of Estonia and its system of legal protection, and can describe their working principles;

	<p>3) Knows the legal framework of national defence and the Estonian Defence Forces. Understands the nature of service in the Defence Forces.</p> <p>4) Is able to resolve routine legal problems within the framework of valid legal norms and principles pertaining to his level of competence and command.</p>
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Subject Code	ST16.02
Subject	Law of Armed Conflict
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students knowledge a general overview of the sources, principles and main rules of the law of armed conflict regulating the behaviour of states, combatants and civilians in armed conflicts. The subject also provides the basic skills for applying this knowledge when solving routine practical tasks in active service in the defence forces.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the sources, main concepts and rules of the law of armed conflict;</li> <li>2) Is able to explain and apply the main principles of the law of armed conflict in training circumstances;</li> <li>3) Is aware of the responsibility and can explain the consequences of any violation of the principles of the law of armed conflict;</li> <li>4) Is able to resolve routine legal problems within the framework of valid legal norms and principles pertaining to his level of competence and command.</li> </ol>

Subject Code	JP16.02
Subject	Individual and Society
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students knowledge of the main working principles in contemporary society, addressing different aspects of society as a social system (e.g. social relations and processes, social structure). The subject helps these future officers reflect on their role as military leaders in contemporary democratic civil society, supporting the development of students towards becoming ethical and responsible citizens who value democratic values and show tolerance and respect for attitudes different from their own.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the working principles of society and aspects of life in society and is able to create links between them;</li> <li>2) Knows the main concepts and current issues in the social sciences and is able to relate them to military service;</li> <li>3) Understands the norms and values valid in society;</li> <li>4) Is able to deal with different situations involving socio-ethical and</li> </ol>

	<p>military ethical dilemmas;</p> <p>5) Understands cultural diversity and is able to take it into consideration.</p>
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Subject Code	ST14.01
Subject	State, Politics and Government
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students knowledge of the structure, functioning and traditions of modern states, as well as of scholarly works related to states and statehood. The knowledge of statehood, parliamentary democracy and political pluralism make future officers more successful when participating in civil-military cooperation projects, contributing to statehood and development of society as opinion leaders and citizens.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the major concepts, choices and issues for citizens and servicemen related to statehood and politics, and knows the main solutions to them and is able to apply them;</li> <li>2) Understands the nature of a democratic society and the rule of law; knows democratic values and understands his role and responsibility in a democratic society;</li> <li>3) Knows the main components and values of public government and of the planning, performance and evaluation of politics, and can thereby effectively contribute to the execution of state politics;</li> <li>4) Knows the parts and working principles of political participation and political culture;</li> <li>5) Knows different political regimes and ideologies and is able to point out their strengths and weaknesses.</li> </ol>

Subject Code	ST16.03
Subject	World Military History
Volume	4 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of major conflicts throughout world military history, as well as of military trends in different eras and the factors that shape and influence modern warfare. The subject gives future officers understanding of the associations between modern warfare and conflicts of past history
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the major periods of world military history and can describe them to his subordinates using reasoned argumentation;</li> <li>2) Understands the role of wars in achieving political goals;</li> <li>3) Is able to describe the major events, processes and factors influencing the field of military;</li> <li>4) Is able to compare different military conflicts in the past and explain the evolution of modern warfare</li> <li>5) Is able to describe the relationships between different military conflicts in the world military history.</li> </ol>

Subject Code	ST09.02
Subject	Estonian Military History
Volume	4 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students the knowledge of 20th century Estonian military history, of the evolution of Estonian national defence and of the links between events in Estonian military history and the present-day security environment. Students gain understanding of the importance of Estonian national defence and of diverse forms of resistance.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the main stages and major conflicts in the 20th century Estonian military history;</li> <li>2) Knows different potential forms of resistance in combat activity on Estonian territory in the 20th century and can characterize them;</li> <li>3) Is able to compare different combat activities on Estonian territory and justify his/her viewpoints;</li> <li>4) Is able to explain and analyse the evolution and development of Estonian national defence;</li> <li>5) Is able to relate 20th century conflicts to the current security environment of the Republic of Estonia;</li> <li>6) Is able to describe Estonia's role in the context of 20th century military conflicts around the world.</li> </ol>

Subject Code	ST16.04
Subject	Security Policy and National Defence
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students the knowledge of present-day security threats, of Estonian security policy, its assets and national defence solutions. The students will have an overview of national defence tasks that ensure national security, and of the logic behind developing this system of national defence.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Understands the strategic role of the Estonian Republic and territory in diverse conflicts;</li> <li>2) Is able to name the fundamentals of the Estonian security and defence policy;</li> <li>3) Is aware of security threats and can relate them to security and defence solutions at the state level;</li> <li>4) Is able to evaluate the importance of different international organisations to ensure the security of the state and can analyse the balance of military capabilities in the Baltic Sea Region.</li> </ol>

Subject Code	KK16.01
Subject	English (Level B1)**

Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to develop foreign language competence at independent user level B1 (threshold). The subject outcomes are based on the level descriptors of the Common European Framework of Reference for Languages. During the course the students acquire additional knowledge about grammar, enhance their listening, reading, writing and speaking skills, vocabulary and pronunciation. An awareness of the cultural norms of the target language is increased. Specialist vocabulary on general military topics is developed. The course aims to support the process of lifelong learning where continuity plays a key role.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can write straightforward connected texts on a range of familiar subjects within his field of interest including military topics, e.g., descriptions, official letters and summaries based on written and oral sources in English presenting basic factual information;</li> <li>2) Can reasonably fluently sustain oral communication using basic sentence constructions and linking devices, can participate in group works, discussions and conversations;</li> <li>3) Can give a prepared straightforward presentation on different topics, including military topics, based on written and oral sources in English presenting basic factual information; Can ask and provide answers to simpler questions from the audience after his/her presentation.</li> </ol>

Subject Code	KK16.02
Subject	English (Level B1+)**
Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to develop foreign language competence at independent user level B1+ (upper threshold). The subject outcomes are based on the level descriptors of the Common European Framework of Reference for Languages. During the course the students acquire additional knowledge about grammar, enhance their listening, reading, writing and speaking skills, vocabulary and pronunciation. An awareness of the cultural norms of the target language is increased. Specialist vocabulary on general military topics is developed. The course aims to support the process of lifelong learning where continuity plays a key role.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can write straightforward connected texts on a range of familiar subjects within his field of interest including military topics, e.g., descriptions, official letters, summaries and essays based on written and oral clearly signalled argumentative texts in English presenting accumulated factual information;</li> <li>2) Can clearly express and justify his/her ideas, and participate in group works, e.g., discussions, debates and disputes;</li> <li>3) Can give a prepared straightforward presentation with some degree of confidence on different topics, including military topics, based on clear</li> </ol>

	written and oral sources in English presenting accumulated factual information; Can ask and provide answers with some degree of confidence to questions from the audience after his/her presentation.
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Subject Code	KK16.03
Subject	English (Level B2)**
Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to develop foreign language competence at independent user level B2 (vantage). The subject outcomes are based on the level descriptors of the Common European Framework of Reference for Languages. During the course the students acquire additional knowledge about grammar, enhance their listening, reading, writing and speaking skills, vocabulary and pronunciation. An awareness of the cultural norms of the target language is increased. Specialist vocabulary on general military topics is developed. The course aims to support the process of lifelong learning where continuity plays a key role.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can write clear, well structured, detailed texts on a variety of subjects, including military topics, e.g. descriptions, official letters, summaries and essays, synthesising and evaluating information and arguments from a number of sources, providing their point of view giving reasons in support of or against a particular point of view, expanding and supporting ideas with subsidiary points and relevant examples, using authentic linguistically and propositionally complex English sources;</li> <li>2) Can express him or herself clearly and appropriately when participating in group works, e.g. discussions, debates, disputes, giving the advantages and disadvantages of various options on a wide range of subjects. Can expand and support ideas with subsidiary points and relevant examples;</li> <li>3) Can give a clear, prepared presentation on a variety of subjects, including military topics based on linguistically and propositionally complex authentic oral and written English sources;. Can ask and provide answers with a degree of fluency and spontaneity to a series of questions from the audience after his/her presentation.</li> </ol>

Subject Code	KK16.04
Subject	Specialised English for Land Forces
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to develop the competence and skills of students to perform the service duties of land force officers in English.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can understand the descriptions of task verbs and use appropriate English vocabulary;</li> <li>2) Can describe the features of terrain in English and explain the impact</li> </ol>

	<p>of terrain features on the activities of a tactical unit;</p> <p>3) Can describe weapons and machines in English;</p> <p>4) Can fill out medical evacuation forms in English.</p>
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Subject Code	KK13.01
Subject	Written and Oral Self-expression in Estonian
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students the knowledge and skills of correct and purposeful self-expression in both oral and written Estonian. The subject deals with orthography, form and syntax, the importance of differentiation between different styles of texts. Students learn to compose and interpret different styles of texts and practice public speech.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the main rules of the Estonian orthography and is able to use them when composing a text;</li> <li>2) Knows different functional text styles (literary, journalistic and scientific styles, those employed in official documents and the spoken language) and can use the most appropriate of them according to purpose;</li> <li>3) Knows different stylistic mistakes and is able to avoid them when composing a text;</li> <li>4) Knows the principles of text compilation and can compile a coherent text him/herself (including diverse service-related texts);</li> <li>5) Is able to analyse and evaluate different media texts;</li> <li>6) Is able to compose a public speech and deliver it.</li> </ol>

Subject Code	KK16.05
Subject	English Elective (Level B1+)*
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to provide students with additional knowledge about grammar, enhance their listening, reading, writing and speaking skills, vocabulary and pronunciation. The aim of the subject is to develop foreign language competence at level B1+ (upper threshold). Cultural norms of the target language are valued and understood during communication. The course aims to support the process of lifelong learning where continuity plays a key role. The subject outcomes are based on the level descriptors of the Common European Framework of Reference for Languages.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Can write straightforward connected texts on a range of familiar subjects within his field of interest including military topics, e.g., descriptions, official letters, summaries and essays based on written and oral clearly signalled argumentative texts in English presenting accumulated factual information;</li> <li>2) Can clearly express and justify his/her ideas and participate in group</li> </ol>

	work, e.g., discussions, debates and disputes; 3) Can give a prepared straightforward presentation with some degree of confidence on different topics, including military topics, based on clearly signalled written and oral sources in English presenting accumulated factual information; Can ask and provide answers with some fluency to questions from the audience after his/her presentation.
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Subject Code	JP16.03
Subject	Communication Psychology*
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the terms and concepts related to interpersonal communication. Using theoretical approaches and practical activities, the course addresses the way a communication situation and people themselves (incl. their attitudes, values and state of mind) affect interpersonal communication, as well as the aspects that favour and inhibit effective communication. The students also analyse what type of communicators they themselves are.
Outcomes of the Subject	After completion of the subject the student: 1) Understands the mechanisms of interpersonal communication at individual and group level; 2) Knows how to handle conflict situations and manage relationships; 3) Is able to identify and recognize different means of influence; 4) Knows different communication techniques (e.g., active listening, self-assertion, communication at adult level) and is able to apply them to effective communication; 5) Is able to analyse him/herself as a communicator.

<b>MILITARY LEADERSHIP MODULE</b>		<b>Volume 64-67 ECP</b>
<b>Objective</b>	The aim of the military leadership module is to provide students with the knowledge and skills necessary to fulfil the tasks of a platoon and company commander in peacetime and in modern combat environment. On completion of the module students will understand the interconnections between the various components that influence the decision-making process, the role of commanders in leading military activities and the role of his unit within the concept of a higher commander. After completion of the module students will develop into military leaders able to express themselves clearly and concisely.	
<b>Outcomes</b>	After completion of this military leadership module the student: 1) Can plan, prepare and lead infantry platoon and infantry company combat activities, taking into consideration their combat composition and capabilities, while following the principles of modern combat; 2) Is able to utilize the combat support units of a specific service and service branch provided by a higher unit in his or her own combat plan; 3) Knows enemy tactics in different forms and types of combat, allowing the company to fulfil its combat tasks;	



	<p>4) Knows the main tasks of staff sections and the stages of battalion staff procedures;</p> <p>5) Is aware of mobilization directives and the tasks of the platoon and company commander in subunit formation;</p> <p>6) Is able to plan, prepare conduct and evaluate live fire exercises and basic blasting works for units up to infantry squad size.</p>
<b>Assessment:</b> the module is assessed on the basis of subjects.	

Code	Subject	Volume	Assessment	Semester
TK16.01	Fundamentals of Combat Operations	3 ECP	ND	I
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	D	I–II
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	D	III-IV
TK16.04	Resistance Movement	2 ECP	ND	IV
TK16.05	Infantry Platoon Stability Activities	2 ECP	ND	II
TK16.06	Basic Studies - Planning and Command of Battalion Combat Operations	2 ECP	ND	V
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	ND	V
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	ND	IV
JP16.05	Management of Peacetime Unit I	2 ECP	ND	IV
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	ND	V
ST16.05	Institutions and Tasks of Internal Security*	3 ECP	ND	IV

Subjects in the module (except the elective subject\*) are obligatory for regular full-time students. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	TK16.01
Subject	Fundamentals of Combat Operations
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the knowledge necessary to apply manoeuvre warfare principles when planning platoon and company combat activities.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the tactical enemy's combat power up to brigade level and its application principles in the main types of combat;</li> <li>2) Understands the nature, extent and levels of warfare and the connections between them;</li> <li>3) Is able to name the subdivision of the battlespace and functions of its parts, can explain the purpose of the activities and links between</li> </ol>

	<p>them;</p> <ol style="list-style-type: none"> <li>4) Knows the functions of combat and their roles in the fulfilment of basic functions, and is able to explain the meaning of such functions;</li> <li>5) Knows the composition of manoeuvre units and is able to form combat elements based on a given task and structure;</li> <li>6) Knows the fundamental principles of planning and subdivision of tactical land activities and can describe them using tactical verbs;</li> <li>7) Knows the subdivision of the decision-action cycle and the role of a commander in it;</li> <li>8) Understands the fundamentals of manoeuvre warfare and is able to describe its principles and application opportunities;</li> </ol>
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Subject Code	TK16.02
Subject	Planning and Command of Infantry Platoon Combat Operations
Volume	21 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	<ol style="list-style-type: none"> <li>1. Fundamentals of Infantry Platoon Command (2.5 ECP, II, ND)</li> <li>2. Infantry Platoon Combat Engineering (2 ECP, I, ND)</li> <li>3. Infantry Platoon Enabling Activities (3 ECP, I, ND)</li> <li>4. Infantry Platoon Offensive Activities (incl. in built-up areas) (6 ECP, II, ND)</li> <li>5. Infantry Platoon Defensive Activities (incl. in built-up areas) (6 ECP, II, ND)</li> <li>6. Planning and Command of Infantry Platoon Combat Operations, Exam (1.5 ECP, II, D)</li> </ol>
Objectives	The aim of this subject is to give students the knowledge and skills necessary for the planning and command of infantry platoon combat operations in different types of combat.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the capability and command principles of an infantry platoon;</li> <li>2) Is able to carry out the combat planning process as a whole, as well as combat planning procedures;</li> <li>3) Can plan and command the combat activities of an infantry platoon in defensive, offensive and enabling activities;</li> <li>4) Can apply combined arms employment principles in the planning and command of combat activities.</li> </ol>

Subject Code	TK16.03
Subject	Planning and Command of Infantry Company Combat Operations
Volume	18 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	<ol style="list-style-type: none"> <li>1. Fundamentals of Infantry Company Combat Operations (1.5 ECP, III ja IV, ND)</li> <li>2. Infantry Company Enabling Activities (2 ECP, IV, ND)</li> <li>3. Indirect Fire Support of Infantry Company (1.5 ECP, III and IV, ND)</li> <li>4. Combat Engineering Support of Infantry Company (1 ECP, III and IV, ND)</li> <li>5. Planning and Command of Infantry Company Offensive Operations (6 ECP, IV, D)</li> <li>6. Planning and Command of Infantry Company Defensive Operations (6 ECP, III, D)</li> </ol>

Objectives	The aim of this subject is to give students the knowledge and skills necessary for the planning and command of infantry company combat operations in different types of combat.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the capability and command principles of an infantry company; 2) Knows the combat planning process as a whole and can carry out combat planning procedures; 3) Can plan and command the combat activities of an infantry company in defensive, offensive and enabling activities; 4) Can apply combined arms employment principles in planning and command of combat activities.

Subject Code	TK16.04
Subject	Resistance Movement
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the knowledge and skills necessary for the planning and command of resistance activities in enemy-controlled territory.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the fundamentals of organizing resistance; 2) Knows resistance tactics; 3) Can plan the activities of a resistance element in enemy-controlled territory.

Subject Code	TK16.05
Subject	Infantry Platoon Stability Activities
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the basic knowledge and skills necessary for carrying out infantry platoon activities in an international environment within the framework of stability activities.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the nature of crisis response operations; 2) Knows the tactics, principles and methods of insurgents in an international environment; 3) Can plan the activities of an infantry platoon within the framework of crisis response operations.

Subject Code	TK16.06
Subject	Basic Studies - Planning and Command of Battalion Combat Operations
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–

Objectives	The aim of this subject is to give students basic knowledge of the planning and command of battalion combat operations in different types of combat, and of the role and tasks of a battalion commander and staff.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the training structure of a battalion and its capability; 2) Is able to describe the stages of planning combat activities as part of staff procedures; 3) Knows the structure of the 5-paragraph order and understands how it is related to decision-making process; 4) Knows the fundamentals and differences of battalion combat support and combat service support in main types of combat; 5) Is able to name the subdivision, structure and tasks of command and control facilities at battalion level.

Subject Code	TK16.07
Subject	Practical Placement - Command of Battalion Combat Operations
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students a thorough knowledge of the planning and command of battalion combat activities in different types combat. The subject aims to provide basic experience of working as a battalion commander and staff officer when carrying out battalion combat tasks.
Outcomes of the Subject	After completion of the subject the student: 1) Considers the strengths and weaknesses of battalion combat capability when performing combat tasks of different combat types; 2) Can name the strengths and weaknesses of the tactical enemy's battalion/regiment combat capability based on specific terrain features; 3) Knows the content of the planning directives of a battalion commander and how they shape the planning stages of combat; 4) Under supervision, is able to perform combat planning tasks given by the staff officer of an infantry battalion; 5) Understands and is able to explain the links between an battalion operation plan and combat service support and combat support elements; 6) Is able to give battalion operation orders to subunits; 7) Is able to describe the tasks and structure of the tactical operation centre of a main command post.

Subject Code	JP16.04
Subject	Infantry Squad Live Fire Exercises (LFX) and Blasting
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	1. Infantry Squad Live Fire Exercises (2 ECP, IV, ND) 2. Blasting (1 ECP, IV, ND)
Objectives	The aim of this subject is to give students skills for the planning and execution of live fire exercises within an infantry squad. The subject also addresses the possibility of using blasting materials and imitation support

	weapon fire in live fire exercises.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the types and purposes of infantry squad firing exercises;</li> <li>2) Is able to plan live fire exercises as part of a group;</li> <li>3) Is able to plan and prepare live fire exercises in accordance with Estonian Defence Force safety regulations on live fire training;</li> <li>4) Knows the safety rules and regulations for blasting;</li> <li>5) Is able to carry out basic blasting work as part of a group.</li> </ol>

Subject Code	JP16.05
Subject	Management of Peacetime Unit I
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students an overview of the documents regulating the peacetime activities of a unit. It also aims to provide knowledge and skills for organising conscript service and mobilizing the Estonian Defence Forces. The subject provides the basis for performing a platoon and company commander's service duties during peacetime.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is familiar with the documentation regulating a unit's peacetime activities, as well as the rights and obligations stipulated therein for performing the service duties of a platoon or company commander;</li> <li>2) Knows the most frequent service-related problems and is able to resolve them;</li> <li>3) Knows the principles of disciplinary procedures;</li> <li>4) Understands the differences between peacetime and wartime subunit command;</li> <li>5) Knows the documentation regulating mobilization and is familiar with wartime readiness levels, equipment supply levels, speed classes and training levels;</li> <li>6) Knows platoon and company commander responsibilities in forming wartime units and is able to perform routine practical tasks related to mobilization.</li> </ol>

Subject Code	JP16.06
Subject	Practical Placement -Junior Officer Peacetime Post
Volume	9 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students first-hand experience of junior officer peacetime service duties.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the documentation regulating the activities, working principles and internal regulations of a unit and understands his role as a future junior officer in the daily routines of a unit;</li> <li>2) Is able to prepare and conduct training and live fire exercise classes for subunits up to platoon size, using non-commissioned officer conscripts as assistant instructors;</li> </ol>

	<ol style="list-style-type: none"> <li>3) Understands the organisation of training for units up to platoon size and understands his role as a junior officer in them;</li> <li>4) Is able to compile training documents for units up to platoon size based on company-level documents;</li> <li>5) Possesses attitudes and behaves in a manner appropriate to the social structure of a unit, communicating with his commanders, colleagues and conscript subordinates in a polite and friendly manner and as set forth in manuals.</li> </ol>
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Subject Code	ST16.05
Subject	Institutions and Tasks of Internal Security*
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the structure, tasks and command systems in the field of internal security, and of mutual interaction between institutions, with the aim of enhancing cooperation between these institutions in the area of government of the Estonian Defence Forces, the Ministry of Internal Affairs and the Ministry of Social Affairs.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the tasks, structure, command systems and areas of responsibility of “soft power” (rescue services, ambulances and hospitals) and “hard power” (police, security police) in the field of internal security;</li> <li>2) Is able to analyse emergency situations, evaluate the resources needed for search and rescue and law enforcement works, can analyse possible threats and is able to forecast potential escalation of the situation and offer a possible solution to it;</li> <li>3) Understands the roles, tasks and information dissemination principles of various institutions and management levels of national defence and internal security in the management of search and rescue and internal security incidents;</li> <li>4) Knows the legal acts and practices regulating cooperation related to the management of search and rescue works and internal security incidents.</li> </ol>

<b>TECHNOLOGY MODULE</b>		<b>Volume 21-24 ECP</b>
<b>Objective</b>	The aim of this module is to teach students to use the platoon-level weaponry and technology of the Estonian Defence Forces and to give them knowledge of the capabilities of supporting units. In order to achieve this aim the cadets are provided with basic knowledge of scientific principles, different weapon systems and their working mechanics.	

<b>Outcomes</b>	<p>After completion of the technology module the student:</p> <ol style="list-style-type: none"> <li>1) Understands the importance of science in the profession of officer, knows the relevant scientific concepts and principles of military technology and is able to apply them to problem analysis and resolution;</li> <li>2) Is familiar with the weaponry, equipment and technology of a unit up to the size of infantry battalion;</li> <li>3) Is able to plan combat activities based on service arms up to company level;</li> <li>4) Is able to handle infantry platoon-level weaponry and equipment, following associated safety rules and regulations;</li> <li>5) Can control indirect fire;</li> <li>6) Is able to provide first aid.</li> </ol>
<b>Assessment:</b> the module is assessed on the basis of subjects.	

Code	Subject	Volume	Assessment	Semester
LT16.01	Military Technology I: Tactical Communication, Electronic Warfare and Field Power Networks	3 ECP	ND	I–II
LT16.03	Military Technology II: Technical Equipment and Other Equipment of a Tactical Unit	2 ECP	ND	III
LT16.04	Military Technology III: Land Based Platforms	2 ECP	ND	IV
LT16.05	Military Technology: Weaponry	2 ECP	ND	IV
LT16.06	Military Technology V: Optronics and Communication Equipment	2 ECP	ND	IV
TK16.08	Fire Control	2 ECP	ND	I
LT16.08	Topography and Geoinformation Systems	3 ECP	D	I–II
TK16.09	Medical Studies	3 ECP	ND	I–II
TK16.10	Basics of Antitank Studies	2 ECP	ND	I
LT16.09	Applied Military Technology Research*	3 ECP	ND	IV
JP16.07	Quantitative Data Analysis*	3 ECP	ND	IV

Subjects in the module (except the elective subject\*) are obligatory for regular full-time students. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	LT16.01
Subject	Military Technology I: Tactical Communication, Electronic Warfare and Field Power Networks
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the means of communication equipment, communication networks and communication requirements used at tactical level in the Estonian Defence Forces. The

	subject also aims to provide the skills necessary to support the combat activity of a tactical unit, to plan and command electronic warfare and establish field networks.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Can evaluate antenna parameters, transmitter-receiver balance and distance of radio communication</li> <li>2) Is able to analyse the power consumed, amperage and voltage of field power networks;</li> <li>3) Understands the types of communications networks and their application possibilities in different types of combat;</li> <li>4) Is able to evaluate the limitations caused by the enemy's electronic warfare capability;</li> <li>5) Is able to build the wire communication networks and field power networks of a company.</li> </ol>

Subject Code	LT16.03
Subject	Military Technology II: Technical Equipment and Other Equipment of a Tactical Unit
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the knowledge to understand the working principles of the electrical and mechanical tools that are part of an infantry company's standard equipment. The subject also provides the skills to perform level 1 and level 2 equipment maintenance and repair.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to use theoretical models and formulae for solving tasks related to elasticity, friction, rotation and deformation;</li> <li>2) Knows the technical specifications and tactical data of the technical equipment used in a company;</li> <li>3) Is able to operate the electrical and mechanical assets used in a company;</li> <li>4) Is able to plan and organise maintenance at levels 1 and 2 of the technical parts of standard equipment.</li> </ol>

Subject Code	LT16.04
Subject	Military Technology III: Land Based Platforms
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the knowledge to use the land-based platforms of an infantry company. The subject also provides the skills to perform level 1 and level 2 maintenance and repair work for such equipment.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to use the theoretical models and formulae for solving tasks related to transport, winching and towing;</li> <li>2) Knows the structure of a battalion's logistical support and the</li> </ol>



	<p>technical specifications, tactical applications and capability of vehicles the used;</p> <p>3) Knows the field repair principles of wheeled transport equipment and maintenance thereof at levels 1 and 2;</p> <p>4) Can organise the winching and towing of transport equipment.</p>
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Subject Code	LT16.05
Subject	Military Technology IV: Weaponry
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the working principles of the weaponry of an infantry company. The subject also provides the skills to perform level 1 and level 2 maintenance and repair work for company weaponry.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to evaluate the volume of energy released from explosive substances;</li> <li>2) Is able to analyse the force, inertia and velocity of a bullet caused by the internal ballistics of a weapon;</li> <li>3) Can evaluate the effective firing of weapons;</li> <li>4) Knows the technical specifications and tactical data of the weapons used in a company;</li> <li>5) Knows the life cycle of company weaponry and is able to plan and carry out level 1 and level 2 weaponry maintenance work.</li> </ol>

Subject Code	LT16.06
Subject	Military Technology V: Optronics and Communication Equipment
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the optronics and communication equipment of a company and their structure. The subject also provides the skills to perform level 1 and level 2 maintenance and repair works of such equipment.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to use the theoretical models and formulae for solving the tasks related to the travelling and breaking of light;</li> <li>2) Knows the technical specifications and tactical data of the optronic and communication equipment used in a company;</li> <li>3) Knows how to plan and carry out level 1 and level 2 maintenance works of optronic and communication equipment;</li> <li>4) Can carry out performance checks on optronic and communication equipment and identify problems.</li> </ol>

Subject Code	TK16.08
Subject	Fire Control
Volume	2 ECP

Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge and skills of the fundamentals of fire control to be able to order and control indirect fire in accordance with valid procedures.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the structure and main assets and capability of the indirect fire support units of the Estonian Defence Forces; 2) Can use the equipment of a fire controller and carry out the preparation works of a fire control post; 3) Can submit fire requests, adjust fire and impact a target in accordance with fire control procedures.

Subject Code	LT16.08
Subject	Topography and Geoinformation Systems
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Military Topography (1.5 ECP, I, ND) 2. Geoinformation Systems (1.5 ECP, II, D)
Objectives	The aim of this subject is to give students knowledge of the maps and digital spatial data used in the Estonian Defence Forces, and the skills necessary to evaluate the tactical impact of terrain and to plan combat activities using different maps at platoon and company levels.
Outcomes of the Subject	After completion of the subject the student: 1) Is able to use the standard paper maps and their legend (including satellite photos and aerial photos) used by the Estonian Defence Forces and can use them for orientation in terrain and for measuring distances and heights 2) Is able to draw up the sketch of a landscape; 3) Is able to use maps to analyse the impact of terrain on the tactical activities of units up to company level; 4) Is able to use NATO tactical symbols and mark enemy units in company operation plans; 5) Using guidelines and the ArcGIS software can use the raster maps (scales 1:50 000, 1:100 000, 1:10 000) and vector maps ( scale 1:50 000) of the Estonian Defence Forces and other maps available on the Internet to compile the maps with a given content and scale and to carry out measurements; 6) Knows the major coordination systems used in NATO and in Estonia and can define their specifications and convert between different coordination systems; 7) Can define the following concepts: spatial data, geoinformation system, map program, vector map, raster map, attribute data, and height model, and can describe the possible applications of geoinformation systems at platoon and company levels.

Subject Code	TK16.09
Subject	Medical Studies
Volume	3 ECP
Assessment	Non-differentiated assessment

Sub-subjects, volume, semester, assessment	1. Medical Studies I (1 ECP, I, ND) 2. Medical Studies II (2 ECP, II, P/F)
Objectives	The aim of this subject is to give students the basic knowledge and skills necessary to administer medical aid and provide healthcare to casualties of combat and accidents at infantry battalion level.
Outcomes of the Subject	After completion of the subject the student: 1) Is able to render first aid in peacetime and to combat casualties in various combat situations; 2) Knows the main principles of the medial tactics in the Estonian Defence Forces in wartime and, based on such, is able to organise medical aid at infantry battalion level; 3) Is able to carry out tactical combat casualty care (TCCC) training.

Subject Code	TK16.10
Subject	Basics of Antitank Studies
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the anti-tank weapons and duties of infantry battalions in the Estonian Defence Forces to be able to plan the employment of battalion anti-tank weapons to perform various combat tasks.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the structure and combat capability of the anti-tank unit of an infantry battalion; 2) Knows the tactics of an enemy motorized rifle company in defensive and offensive activities; 3) Can identify the armoured equipment of of allied and opposing forces; 4) Knows the tactical and technical specifications of the anti-tank weapons of the Estonian Defence Forces (e.g. portable single-shot anti-tank weapons, rocket launchers, missile systems)and the potential applications and limitations thereof; 5) Can handle the anti-tank weapons used in the infantry battalion of the Estonian Defence Forces; 6) Can plan the employment of anti-tank weapons in support of different types of infantry platoon combat,

Subject Code	LT16.09
Subject	Applied Military Technology Research*
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of carrying out fundamental and applied research in the field of military technology and to enhance the ability of students to articulate and resolve various technical and technological problems and carry out surveys.
Outcomes of the Subject	After completion of the subject the student: 1) Can define a research problem to resolve an important technical or

	<p>technological problem in the Estonian Defence Forces;</p> <p>2) Is able to choose the appropriate research method to solve particular research problems;</p> <p>3) Can carry out an experiment on a given topic;</p> <p>4) Can offer solutions to technical or technological problems important for the Estonian Defence Forces;</p> <p>5) Can compile a research report addressing technical or technological solutions, integrating military and scientific fields.</p>
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Subject Code	JP16.07
Subject	Quantitative Data Analysis*
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the knowledge and skills for the statistical analyses and statistical summaries of the data collected or presented in multiple ways; The subject aims to develop the students' skills in analysing data and drawing the appropriate conclusions from it.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <p>1) Can organise data based on data type;</p> <p>2) Can critically read published materials with statistical surveys/data (graphs, diagrams);</p> <p>3) Is able to make statistical analyses, choosing the appropriate descriptive and/or generalizing statistical methods;</p> <p>4) Is able to draw statistically correct conclusions;</p> <p>5) Can correctly present obtained results;</p>

<b>PEDAGOGY AND RESEARCH MODULE</b>		<b>Volume 33-36 ECP</b>
<b>Objective</b>	The aim of the pedagogy module is to provide students with the skills and knowledge of psychology, pedagogy and research necessary to fulfil the tasks of a leader and teacher. The pedagogy module supports the development of the students' understanding of human psychology and the factors influencing it, as well as of the psychological aspects of the combat capability and leadership of a unit. Students receive preparation for organising military training and solving problems that might arise in a unit up to infantry platoon size.	

<b>Outcomes</b>	<p>After completion of this module the student:</p> <ol style="list-style-type: none"> <li>1) Knows the main concepts of pedagogical psychology, andragogy, military pedagogy and didactics. Is able to analyse and apply different purposeful teaching and evaluation methods;</li> <li>2) Is familiar with the main theories of learning, is able to analyse classes, compile lesson notes and give classes on all topics prescribed in the national defence curriculum;</li> <li>3) Is capable of independently planning, preparing, executing and evaluating training for a unit up to infantry platoon size and give relevant feedback. In doing so the student is able to take into consideration the training manuals and regulations of the Estonian Defence Forces;</li> <li>4) Is able to see the interdisciplinary connections between the areas of research and studies of an officer and their areas of application in his or her profession;</li> <li>5) Is able to formulate research questions using specialised literature and compile representative samples for scientific research;</li> <li>6) Knows the main data collection and statistical data analysis methods;</li> <li>7) Is able to collect relevant data based on his or her research problem and objective, can analyse collected data and come to relevant conclusions.</li> </ol>
<b>Assessment:</b> the module is assessed on the basis of subjects.	

Code	Subject	Volume	Assessment	Semester
JP16.08	Applications of Psychology in the Defence Forces	3 ECP	ND	II
JP16.09	Didactics of National Defence	2 ECP	ND	IV
JP16.10	Instructor Course	10 ECP	D	II-III
JP16.11	Planning Infantry Platoon Training	2 ECP	ND	IV
JP16.12	Physical Training	2 ECP	ND	IV
JP16.13	Fundamentals of Scientific Research	4 ECP	D	III-IV
JP16.14	Communicative Teaching Methods*	3 ECP	ND	IV
VT14.01	Final Paper	10 ECP	D	IV-VI

Subjects in the module (except the elective subject\*) are obligatory for regular full-time students. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	JP16.08
Subject	Applications of Psychology in the Defence Forces
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to provide students with knowledge of the applications of psychology in the military and the skills necessary to sustain their own and their subordinates' combat capability, allowing them to perform efficiently as military leaders.
Outcomes of the Subject	<p>After the completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the main concepts and fields of psychology and can identify psychological characteristics, processes and states and understands</li> </ol>

	<p>their importance for performing his or her service duties;</p> <p>2) Knows the main trends that affect motivation and human behaviour and can take them into consideration as a military leader;</p> <p>3) Knows the consequences of distress and combat stress and is able to identify the signs of stress both in himself and his subordinates;</p>
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Subject Code	JP16.09
Subject	Didactics of National Defence
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge and skills of pedagogical psychology and didactics of national defence to support students' pedagogical competence in future service and prepare them as teachers of national defence.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <p>1) Can take into consideration the psychic regularities that support or hinder studying;</p> <p>2) Know interactive teaching methods and can use them, taking student needs and subject objectives into consideration;</p> <p>3) Is able to analyse national defence classes, compile lesson plans and deliver lessons on the subject listed in the secondary education national defence curriculum.</p>

Subject Code	JP16.10
Subject	Instructor Course
Volume	10 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	<p>1. Military Pedagogy (8 ECP, II-III, D)</p> <p>2. Conduct Firing Training (2 ECP, II-III, D)</p>
Objectives	The aim of this subject is to give students the knowledge and skills for conducting training and solving training-related problems up to platoon-sized units. The course aims to develop the students' communication, presentation and leadership skills.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <p>1) Knows the principles of didactics based on andragogy;</p> <p>2) Is able to carry out lessons on handling technical equipment;</p> <p>3) Is able to carry out individual training using appropriate teaching methods;</p> <p>4) Is able to facilitate teamwork using appropriate teaching methods;</p> <p>5) Knows and is able to apply outcome-based evaluation methods and criteria, knows the principles of providing feedback;</p> <p>6) Is able to plan and conduct firing exercises using firearms.</p>

Subject Code	JP16.11
Subject	Planning Infantry Platoon Training
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–

Objectives	The aim of this subject is to give students knowledge of the documents regulating conscript training and the skills for filling out the documentation when planning platoon-level training.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is able to compile the subject plan and timetable of conscript courses in accordance with the curriculum as a group work;</li> <li>2) Is able to plan the time and resources necessary to achieve the required learning outcomes when compiling a thematic plan and a timetable;</li> <li>3) Is able to consider the activities in the annual plan of a unit and associated limitations when filling out a platoon's training documents;</li> <li>4) Is able to describe the links and role of the planning of platoon-level training and the training of a higher unit.</li> </ol>

Subject Code	JP16.12
Subject	Physical Training
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students a basic knowledge of human physiology, the planning and conduct of physical training in the Estonian Defence Forces, as well as of planning and conduct of physical training classes and the relevant safety regulations required to perform a platoon commander's peacetime duties.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is able to consider the general principles of performance development and the specific characteristics of human physiology (incl. physical load endurance and development);</li> <li>2) Is familiar with elementary physical training methods;</li> <li>3) Is able to compile a training plan or class on a given topic for a platoon-sized unit using appropriate training methods;</li> <li>4) Can follow correct safety requirements when planning and conducting physical training.</li> </ol>

Subject Code	JP16.13
Subject	Fundamentals of Scientific Research
Volume	4 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the composition of scientific research and the requirements set for scientific research, and to introduce them to the experience of writing scientific research. The subject aims to develop the students' skills in using various data sources, formulating research problems, collecting data, analysing this collected data and drawing the appropriate conclusions from it.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is familiar with research methodology principles and can plan scientific research;</li> <li>2) Can choose appropriate literature depending on the subject (incl. from databases) and analyse them critically;</li> </ol>

	<ol style="list-style-type: none"> <li>3) Can formulate research questions or hypotheses based on the purpose of a research paper;</li> <li>4) Knows the main data collection methods and can choose the appropriate method depending on the purpose of a research paper;</li> <li>5) Is able to interpret gathered information and/or data and draw appropriate conclusions;</li> <li>6) Is able to produce an independent volume of research following the correct requirement;</li> <li>7) Is able to prepare and deliver a public presentation.</li> </ol>
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Subject Code	JP16.14
Subject	Communicative Teaching Methods*
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the knowledge and skills for enhancing their teaching and communication skills, thereby improving readiness to perform the duties of an instructor in future service.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Understands the principles of setting goals for the study process and can formulate learning objectives;</li> <li>2) Knows active learning methods and uses them in the study process;</li> <li>3) Understands the importance of feedback and can give feedback on the study activities of fellow students;</li> <li>4) Understands the significance of attitudes in the study process and can analyse his/her and fellow students' attitudes towards the study process;</li> <li>5) Understands the importance of motivation in teaching and studying and in the future application of acquired knowledge;</li> <li>6) Can reflect and analyse his/her previous learning and teaching experiences and behaviour as a student and teacher, outlining strengths and weaknesses.</li> </ol>

Subject Code	VT14.01
Subject	Final Paper
Volume	10 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	<ol style="list-style-type: none"> <li>1. Final Paper Seminar I (2 ECP, IV, ND)</li> <li>2. Final Paper Seminar II (2 ECP, V, ND)</li> <li>3. Preliminary Defence (2 ECP, VI, ND)</li> <li>5. Preliminary Defence (4 ECP, VI, D)</li> </ol>
Objectives	The aim of the final paper is to allow students to put all the knowledge acquired throughout their studies into practice by solving a theoretical or empirical research problem related to military matters. With the guidance of a supervisor, students will gain experience in compiling scientific research. Final paper seminars develop the ability to analyze texts through students reviewing each other's research projects.
Outcomes of the Subject	<p>After successful defence of the final paper the student:</p> <ol style="list-style-type: none"> <li>1) Is able to formulate research tasks, problems and hypotheses based on associated research tasks on a given topic;</li> </ol>



	<ol style="list-style-type: none"> <li>2) Is able to select the appropriate literature and sources for dealing with a given topic and critically use these sources in his/her final paper;</li> <li>3) Is able to collect data and draw conclusions based on that data, using the appropriate methods and means to solve research tasks;</li> <li>4) Is able to evaluate the solution of theoretical, practical and empirical military-related problems based on conclusions;</li> <li>5) Is able to compile and write up a cohesive piece of scientific research, following the academic requirements for final papers;</li> <li>6) Is able to explain the statements presented in his/her final paper and defend them in an academic discussion.</li> </ol>
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<b>SPECIALISATION MODULE I - INFANTRY SPECIALTY</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of this module is to provide students with the in-depth knowledge and skills for the effective tactical application of infantry unit combat support elements (reconnaissance, anti-tank and indirect fire support) and the qualifications for conducting live fire exercises for platoon-sized units.	
<b>Outcomes</b>	<p>After completion of the infantry specialisation module the student:</p> <ol style="list-style-type: none"> <li>1) Is able to use the weapon systems of anti-tank units and plan their use for tactical solutions of different types of combat operations in an infantry company;</li> <li>2) Is able to use mortars and plan their use for tactical solutions of different types of combat operations in an infantry company;</li> <li>3) Understands the impact of terrain features on combat activities and is able to prepare the battlefield for reconnaissance independently;</li> <li>4) Understands the selection criteria for information important for combat activities, knows the principles of usage of resources necessary for reconnaissance, is able to plan the activities of a reconnaissance platoon within a battalion and to carry out scout reconnaissance;</li> <li>5) Knows the strengths and weaknesses of a mechanized infantry unit and the peculiarities of their tactical use. Knows the capabilities and limitations of armoured vehicles and considers this information when drafting a combat plan;</li> <li>6) Knows the objectives of live fire exercises, and is capable of planning and carrying out live fire exercises for a unit up to the size of infantry platoon;</li> <li>7) Knows the equipment, technical equipment and combat service support principles and can use the technical equipment commonly used in an infantry battalion.</li> </ol>	
<b>Assessment:</b> the module is assessed on the basis of subjects.		

Code	Subject	Volume	Assessment	Semester
TK15.04	Material Technical Training of Antitank Weapons, their Tactical Use and Firing	7 ECP	D	V–VI
TK16.11	Material Technical Training of Mortars, their Tactical Use and Firing	9 ECP	ND	V–VI

TK16.12	Tactics of a Reconnaissance Subunit and Intelligence Preparation of Battlefield	4 ECP	ND	V–VI
TK09.32	Tactics of Mechanized Unit	3 ECP	ND	V–VI
JP16.15	Preparing Live Fire Exercises	2 ECP	ND	V–VI
JP16.16	Practical Placement - Conducting Live Fire Exercises	6 ECP	ND	V–VI
LT16.10	Technology Studies	4 ECP	D	V–VI

The subjects in this module are obligatory the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	TK15.04
Subject	Material Technical Training of Antitank Weapons, their Tactical Use and Firing
Volume	7 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give the students the necessary skills and knowledge about handling and firing anti-tank weapons used in the Estonian Defence Forces' infantry battalion and infantry brigade anti-tank subunits. The aim of the subject is to provide students with knowledge of the tactical activities of the anti-tank subunits of an infantry battalion and infantry brigade in the Estonian Defence Forces. The subject also gives students the skills necessary for preparing and leading the combat activities of an anti-tank sub-unit in different types of combat operations. Students will gain their first firing experience from anti-tank subunit weapons using munition.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the overall development trends of anti-tank and armoured vehicles both in the Estonian Defence Forces and beyond;</li> <li>2) Knows the training structure, tasks and capability of ant-itank subunits;</li> <li>3) Knows the tactical technical data and working principles of the antitank weapons used by antitank subunits in the Estonian Defence Forces' infantry battalions and brigades and can put this knowledge into practice in carrying out training;</li> <li>4) Is capable of performing the tasks of all crew members of antitank subunits in firing and combat tasks;</li> <li>5) Is able to plan the combat activities of anti-tank subunits (platoon and company) and knows their command fundamentals in different types of combat operations;</li> <li>6) Is able to describe the anti-tank measures of a potential enemy and offer solutions to counteract their effectiveness;</li> </ol>

Subject Code	TK16.11
Subject	Material Technical Training of Mortars, Tactical Use and Firing
Volume	9 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	<ol style="list-style-type: none"> <li>1. Material Technical Training of 81mm Mortar Training,</li> <li>2. Material Technical 120mm Mortar Training, Tactical Use of Battery (4 ECP, V-VI, ND)</li> <li>3. Planning Infantry Battalion Indirect Fire (1.5 ECP, V-VI, ND)</li> </ol>

	4. Preparation, Firing and Fire Controller Activities in the Firing Position (1.5 ECP, V-VI, ND)
Objectives	The aim of the subject is to provide students with the knowledge and skills regarding the tasks, tactics and combat power of the 81 mm mortar platoon and the 120 mm mortar battery, in order to be able to plan and lead the operation of mortar units in support of infantry company and infantry battalion combat activities.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can perform the duties of crew member, command post sergeant, and surveyman as a mortar crew member of a firing platoon of a 81 mm mortar platoon;</li> <li>2) Can perform the duties of mortar crew member, command post sergeant and chief of firing platoon of a 120 mm mortar battery;</li> <li>3) Can plan the tactical activities of a mortar battery for the combat activities of an infantry battalion;</li> <li>4) Can plan indirect fire support for the combat activities of an infantry battalion;</li> <li>5) Can prepare mortar firing and perform as fire controller in mortar firing;</li> <li>6) Is capable of performing the tasks of an 81 mm and/or 120 mm mortar platoon commander and weapons team member.</li> </ol>

Subject Code	TK16.12
Subject	Tactics of a Reconnaissance Subunit and Intelligence Preparation of Battlefield
Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the necessary knowledge and skills regarding an infantry company's intelligence tasks, tactics and capabilities, in order to plan and lead the activities of a reconnaissance platoon in cooperation with infantry battalion staff.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the subdivision of the reconnaissance capabilities of an infantry battalion, the composition of a reconnaissance platoon and the ability perform its reconnaissance duties, and the overall intelligence capability of an infantry brigade;</li> <li>2) Knows the application of the intelligence cycle at infantry battalion level;</li> <li>3) Is able to conduct the intelligence preparation of a battlefield and, based on that analysis, plan reconnaissance tasks;</li> <li>4) Can cooperate with the intelligence section of a battalion for the intelligence preparation of a battlefield and for planning reconnaissance tasks;</li> <li>5) Can write an intelligence order for the reconnaissance platoon and squads of an infantry battalion;</li> <li>6) Can apply reconnaissance platoon tactics in accordance with the reconnaissance operation (route reconnaissance, area reconnaissance and target reconnaissance reconnaissance reports, command posts, security, activities in case of contact);</li> <li>7) Understands the links between the given areas of interest and expected enemy course of action and reconnaissance tasks.</li> </ol>

Subject Code	TK09.32
Subject	Tactics of Mechanized Unit
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge about the combat power and tactical employment of mechanized units. The subject gives students the ability to plan the combat operations of mechanized units in the Estonian Defence Forces, in order for the student to understand the set of requirements for the cooperation of infantry and mechanized units.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the division of mechanized units;</li> <li>2) Knows the strengths and weaknesses of the use of medium and heavy forces and their tactical tasks;</li> <li>3) Knows the principles of mechanized units' tactical activities both as independent units and in cooperation with an infantry unit;</li> <li>4) Knows the technical capability and tactics of platoon-sized mechanized units in the Estonian Defence Forces;</li> <li>5) Knows what information to exchange when cooperating with infantry platoons and mechanized units in the Estonian Defence Forces;</li> <li>6) Is able to plan the combat activities of a platoon-level mechanized unit.</li> </ol>

Subject Code	JP16.15
Subject	Preparing Live Fire Exercises
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge about the tasks and skills of personnel conducting live fire exercises. The subject also provides the students with the necessary skills for planning live fire exercises for an infantry platoon, as well as preparing and filling in the required documents.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the principles of firing training and types of firing exercises;</li> <li>2) Is able to plan live fire exercises according to a tactical scenario, bearing in mind the aim of such firing;</li> <li>3) Knows the tasks of the infantry platoon personnel who conduct live fire exercises and is familiar with all related documentation;</li> <li>4) Is capable of planning the logistic support and timing for live fire exercises, taking into consideration the equipment and level of any previous training of the unit;</li> <li>5) Knows the assessment principles of live fire exercises;</li> <li>6) Follows the safety regulations for firing in the Estonian Defence Forces when preparing live firing training;</li> <li>7) Knows the features of the Estonian Defence Forces' firing ranges and the set of constraints governing the preparation of live firing.</li> </ol>

Subject Code	JP16.16
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Subject	Practical Placement - Conducting Live Fire Exercises
Volume	6 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the skills for planning and leading the live fire exercises of an infantry platoon, being responsible for the exercises.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is able to draw up and fill in documents regarding live fire exercises (danger area template, firing exercise order and annexes, ammunition and munition issue, return and recycle forms), following the stages of the firing exercises and appropriate structure;</li> <li>2) Is able to organize and conduct the necessary preparatory fieldworks for live fire exercises (reconnaissance, surveying and other preparatory work);</li> <li>3) Can function as a fire controller during live fire exercises;</li> <li>4) Can use targeting and simulation systems during live fire exercises;</li> <li>5) Is capable of leading the personnel involved during different phases of live fire exercises;</li> <li>6) Can evaluate the live fire exercises of a platoon and give feedback on them.</li> </ol>

Subject Code	LT16.10
Subject	Technology Studies
Volume	4 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the technical equipment and other equipment and the structure of logistics, and the skills to use the main technical equipment items of the an infantry battalion.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the structure of the logistic support of for land forces in the Estonian Defence Forces;</li> <li>2) Knows the tactical level weaponry and technical equipment of the Estonian Estonian Defence Forces and their capability;</li> <li>3) Knows the fundamentals of the combat service support of an infantry battalion;</li> <li>4) Knows the special equipment, technical equipment and equipment of an infantry battalion, as well as their maintenance and life cycle;</li> <li>5) Can use the main ground vehicles used in an infantry battalion.</li> </ol>

<b>SPECIALISATION MODULE II – MECHANIZED INFANTRY SPECIALTY (35 ECP)</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of this module is to provide students with the in-depth knowledge and skills of the principles of activity of a mechanized manoeuvre unit in modern warfare. The subject also provides the students with the necessary knowledge and skills for performing the peacetime and wartime tasks of a	

	platoon and company commander and the skills for conducting live fire exercises for a platoon.
<b>Outcomes</b>	<p>After completion of the mechanized infantry specialisation module the student:</p> <ol style="list-style-type: none"> <li>1) Knows the structure, support assets and principles of activity of enemy mechanized units in different types of combat;</li> <li>2) Knows the structure, support assets and principles of activity of the mechanized units of the Estonian Defence Forces in different types of combat;</li> <li>3) Can use infantry fighting vehicles and the weapon systems of a mechanized infantry platoon;</li> <li>4) Knows the objectives of live fire exercises, and is capable of planning and carrying out live fire exercises for a unit up to the size of an infantry platoon;</li> <li>5) Knows the simulation systems used in the training of the Estonian Defence Forces' mechanized units.</li> </ol>
<b>Assessment:</b> the module is assessed on the basis of subjects.	

Code	Subject	Volume	Assessment	Semester
TK15.07	Material-technical Issues and Teamwork of an Infantry Fighting Vehicle.	15 ECP	D	V-VI
TK15.08	Tactics and Command of of Mechanized Infantry Units	12 ECP	D	V-VI
JP16.15	Preparing Live Fire Exercises	2 ECP	ND	V-VI
JP16.16	Practical Placement - Conducting Live Fire Exercises	6 ECP	ND	V-VI

The subjects in this module are obligatory the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	TK15.07
Subject	Material-technical Issues and Teamwork of an Infantry Fighting Vehicle.
Volume	15 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills to use infantry fighting vehicles at team level.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Can carry out the team-level technical check and maintenance of command, communications and weapon systems of infantry fighting vehicles;</li> <li>2) Can drive an infantry fighting vehicle on roads, in terrain and on a redeployment trailer;</li> <li>3) Can manage the activities related to using an infantry fighting vehicle;</li> <li>4) Can use the weapon systems of the infantry fighting vehicle;</li> <li>5) Can use the battlefield management systems (BMS) of an infantry fighting vehicle;</li> <li>6) Can use the weapon systems used in the training of an infantry fighting</li> </ol>

	vehicle.
Subject Code	TK15.08
Subject	Tactics and Command of of Mechanized Infantry Units
Volume	12 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge of the combat power and tactics, as well as of the combat service support and combat support assets of mechanized units in order to be able to plan and command the activities of a mechanized infantry platoon within a company and taking into consideration the combat service support and combat support assets of a higher unit in main types of combat.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the structure, combat power, tactics and combat service support and combat support assets of enemy mechanized units;</li> <li>2) Knows the structure, combat power, tactics and combat service support and combat support assets of the mechanized units of the Estonian Defence Forces;</li> <li>3) Is able to plan and lead the activities of a mechanized infantry platoon in main types of combat within a company;</li> <li>4) Is able to plan and use the combat service support and combat support assets of mechanized units.</li> </ol>

Subject Code	JP16.15
Subject	Preparing Live Fire Exercises
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge about the tasks and skills of personnel conducting live fire exercises. The subject also provides the students with the necessary skills for planning live fire exercises for an infantry platoon, as well as preparing and filling in the required documents.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the principles of firing training and types of firing exercises;</li> <li>2) Is able to plan live fire exercises according to a tactical scenario, bearing in mind the aim of such firing;</li> <li>3) Knows the tasks of the infantry platoon personnel who conduct live fire exercises and is familiar with all related documentation;</li> <li>4) Is capable of planning the logistic support and timing for live fire exercises, taking into consideration the equipment and level of any previous training of the unit;</li> <li>5) Knows the assessment principles of live fire exercises;</li> <li>6) Follows the safety regulations for firing in the Estonian Defence Forces when preparing live firing training;</li> <li>7) Knows the features of the Estonian Defence Forces' firing ranges and the set of constraints governing the preparation of live firing.</li> </ol>

Subject Code	JP16.16
Subject	Practical Placement - Conducting Live Fire Exercises
Volume	6 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the skills for planning and leading the live fire exercises of an infantry platoon, being responsible for the exercises.
Outcomes of the Subject	After completion of the subject the student: 1) Is able to draw up and fill in documents regarding live fire exercises (danger area template, firing exercise order and annexes, ammunition and munition issue, return and recycle forms), following the stages of the firing exercises and appropriate structure; 2) Is able to organize and conduct the necessary preparatory fieldworks for live fire exercises (reconnaissance, surveying and other preparatory work); 3) Can function as a fire controller during live fire exercises; 4) Can use targeting and simulation systems during live fire exercises; 5) Is capable of leading the personnel involved during different phases of live fire exercises; 6) Can evaluate the live fire exercises of a platoon and give feedback on them.

<b>SPECIALISATION MODULE III – ENGINEERING SPECIALTY (35 ECP)</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of the engineer specialisation module is to introduce the principles underlying engineers' activities in modern combat situations, provide the necessary skills for the application of different engineering technologies and armament, and the qualifications for acting as commander of an engineer platoon and company and the engineer officer of an infantry battalion in peacetime and wartime.	
<b>Outcomes</b>	After completion of the engineer specialty module the student: 1) Knows the main capabilities and equipment of the engineering units of the Estonian Defence Forces and is able to plan their application for the fulfilment of various engineering tasks; 2) Knows the fundamentals of countermobility and is able to plan and command the activities of an engineer platoon and company in countermobility works; 3) Knows the fundamentals of field fortification and is able to plan and command the activities of an engineer platoon and company in field fortification works; 4) Is familiar with the fundamentals of explosive ordnance disposal and is able to plan and command explosive ordnance disposal activities; 5) Knows the phases of planning road and bridge construction and is able to command engineer units in road and bridge construction works; 6) Is able to plan and carry out engineer reconnaissance; 7) Is able to carry out combined live fire exercises at engineer squad and engineer platoon levels;	



**Assessment:** the module is assessed on the basis of subjects.

Code	Subject	Volume	Assessment	Semester
LT14.03	Applied Mechanics	2 ECP	ND	V–VI
LT14.04	Fundamentals of Geodesy and Applied Geology	2 ECP	ND	V–VI
TK15.10	Countermobility and Blasting Works	5 ECP	D	V–VI
TK15.09	Mobility Assurance	6 ECP	D	V–VI
JP16.17	Live Fire Exercises (LFX) and Blasting	5 ECP	D	V–VI
TK14.15	Engineer Equipment and Engineer Reconnaissance	3 ECP	D	V–VI
TK14.16	Combat Capability Sustainment	3 ECP	D	V–VI
TK14.17	Combat Operations of an Engineer Platoon and Engineer Company	9 ECP	D	V–VI

The subjects in this module are obligatory the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	LT14.03
Subject	Applied Mechanics
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students basic knowledge of the fundamentals of strength calculation for different constructions and the skills for calculating elementary force systems and applied kinetic force based on theoretical mechanics. The knowledge gained in this subject can be used in engineering activities and forms the foundation for other mechanics-related subjects.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the basics of strength calculation and factors determining the strength of constructions;</li> <li>2) Knows the main properties various materials and using them for different constructions;</li> <li>3) Is able to calculate the sum of forces applied in different directions and analyse equilibrium conditions;</li> <li>4) Can make standard strength estimations using freeware.</li> </ol>

Subject Code	LT14.04
Subject	Fundamentals of Geodesy and Applied Geology
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the necessary knowledge of the working principles of geodetic instruments, as well as the skills to use them in determining angles, lines and elevations in the field. The subject develops the skills of digital processing of field data. The subject also provides knowledge of the properties of different surface types and their processing possibilities.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows about the creation of geodesic horizontal control survey and field measurement methods;</li> <li>2) Knows the main geodesic instruments, their operating principles and can use them for specific tasks (width of a river, construction of a bridge and culvert, road construction, etc.);</li> <li>3) Can make geodesic calculations and draw up a topographical map of an area for an engineer task (bridge or culvert construction, surface works, etc.), calculate the coordinates and elevations of specified spots on the given terrain;</li> <li>4) Knows and is able to evaluate Estonian surface types and their properties that affect the fulfilment of engineer tasks (diggability, durability of slopes, load-bearing capacity, etc.);</li> <li>5) Knows and is able to evaluate the type load-bearing capacity of the bottom and rivage of waters.</li> </ol>

Subject Code	TK15.10
Subject	Counter-mobility and Blasting Works
Volume	5 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Counter-mobility (3.5 ECP, VI, D)) 2. Blasting, C-category blasting specialist studies (1.5 ECP, V)
Objectives	The aim of the subject is to give students knowledge and skills of the basics of engineering activities, blasting, engineering technology and counter-mobility in order to enable the student to perform the tasks of an engineer squad leader or a member of the engineer squad and as an instructor when performing counter-mobility tasks.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the purposes and planning principles of counter-mobility, as well as the tasks, subdivision and readiness levels of obstacles;</li> <li>2) Knows the mobility, methods of ensuring mobility and tactics of enemy tactical units;</li> <li>3) Knows the legal acts addressing counter-mobility (the Convention on Prohibitions or Restrictions on the Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects; the Ottawa Convention, safety rules, STANAG 2036, combat engineering handbook), requirements and impact of counter-mobility;</li> <li>4) Knows the special conditions for counter-mobility in built-up areas;</li> </ol>

	<p>5) Is able to plan, organize and lead the fulfilment of countermobility tasks of a combat engineering tasks;</p> <p>6) Knows the safety rules and blasting regulations and can independently carry out blasting works and carry out b blasting training category.</p>
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Subject Code	TK15.09
Subject	Mobility Assurance
Volume	6 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	<p>1. Explosive Ordnance Disposal (4 ECP, VI, D)</p> <p>2. Road and Bridge Construction (2 ECP, VI, ND)</p>
Objectives	The aim of the subject is to give students knowledge and skills of explosive ordnance disposal and of field road and field bridge construction in order to perform the tasks of an engineer squad leader or a member of the engineer squad and as an instructor when performing countermobility tasks.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the fundamentals of explosive ordnance disposal, an constructoin of field roads and bridges;</li> <li>2) Knows the subdivision and using principles of tactical bridges;</li> <li>3) Knows the special conditions of mobility assurance in built-up areas;</li> <li>4) Knows the mobility, methods of assuring mobility and tactics of the tactical enemy;</li> <li>5) Knows the regulation of explosive ordnance disposal in the Estonian Defence Forces and can carry out EOD works at the EOC level;</li> <li>6) Knows the main methods of preparation, using and disposal of IEDs, at the IEDD instructor level;</li> <li>7) Is able to handle the equipment of an engineer unit for mobility assurance (e.g. metal detector, explosive ordnance disposal tools, set for crossing wet areas, etc.);</li> <li>8) Is able to plan, organize and lead the fulfilment of countermobility tasks of a combat engineering tasks;</li> </ol>

Subject Code	JP16.17
Subject	Live Fire Exercises (LFX) and Blasting
Volume	5 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the necessary knowledge and skills for conducting live fire exercises and blasting in order for the student to function as a person responsible for combined live fire and blasting exercises for an engineer squad and engineer platoon.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the stages and principles of live fire exercises and blasting; 2) Knows the tasks of the personnel responsible for conducting live fire exercises and blasting; 3) Is able to produce documents meeting all appropriate requirements for live fire exercises and blasting; 4) Is able to prepare the live fire exercises and blasting for an engineer squad and engineer platoon; 5) Is able to carry out combined live fire exercises at engineer squad and engineer platoon levels; 6) Can plan, prepare and lead blasting works and simulated blasting; 7) Is able to follow the requirements of source documents (safety rules, firing training regulation, blasting training regulation) regarding live fire exercises and blasting.

Subject Code	TK14.15
Subject	Engineer Equipment and Engineer Reconnaissance
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Engineer Reconnaissance (1.5 ECP, VI, D) 2. Engineer Equipment (1.5 ECP, VI, ND)
Objectives	The aim of the subject is to give students the necessary knowledge of the technical capability of engineer units' heavy technical equipment, and of the exercises and blasting in order for the student to function as a person responsible for combined live fire and blasting exercises for an engineer squad and engineer platoon.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the tasks and objectives of engineer reconnaissance; 2) Is able to plan, organize and lead engineer reconnaissance tasks; 3) Knows the technical capability and application opportunities of the heavy technical equipment of engineer units; 4) Can handle the engineer equipment of engineer units (e.g. chainsaw, drill); 5) Knows the duties of a platoon commander with regard to the maintenance and repair of the equipment and vehicles used by an engineer platoon, and can make a user level technical check.

Subject Code	TK14.16
Subject	Combat Capability Sustainment
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Field Fortification (2 ECP, VI, D) 2. Camouflage and Deception (1 ECP, VI, D)
Objectives	The aim of the subject is to give students the necessary knowledge and skills of the ways and principles of field fortification, camouflage ja deception in order to function as a commander of an engineer unit when fulfilling combat capability sustainment tasks.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the fundamentals and principles of field field fortification; 2) Knows the peculiarities of field fortifications in built-up areas; 3) Is able to plan, organize and lead field fortification works; 4) Knows the principles of camouflage and deception and the tasks of engineer in performing such tasks; 5) Is able to plan, organize and lead engineer reconnaissance tasks;

Subject Code	TK14.17
Subject	Combat Operations of an Engineer Platoon and Engineer Company
Volume	9 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Leading Engineer Activities (1.5 ECP, VI, D) 2. Organising Engineer Activities in Built-up Areas (2.5 ECP, VI, D) 3. Practical Placement of Engineer Platoon Combat Activities (2 ECP, VI, ND) 5. Practical Placement of Engineer Company Combat Activities (3 ECP, VI, ND)
Objectives	The aim of this subject is to give students the skills to use engineer units for countermobility, mobility assurance and combat capability sustainment as a wartime engineer platoon and company commander or an engineer officer of an infantry battalion.
Outcomes of the Subject	After completion of the subject the student: 1) Is able to compile engineer operation plans and orders considering the situation at hand the intent of a higher commander and the set goal, and the specialist capabilities of an engineer platoon and company, and, when needed, to reorganise their structure based on a particular mission; 2) Understands the the links between engineer activities and the combat plan of a supporting unit; 3) Knows the tasks of an engineer officer of an infantry battalion and can draft the engineer support plan of an infantry battalion; 4) Is able to compile reports for superior commanders on engineer activities; 5) Can take the capabilities of other subunits of an engineer battalion into consideration when planning the activities of an engineer platoon and engineer company; 6) Is able to evaluate and tactically exploit the obstructing, concealing and protecting properties of the terrain; 7) Can purposefully plan the application the heavy equipment of engineer units.

<b>SPECIALISATION MODULE IV – AIR DEFENCE SPECIALTY (35 ECP)</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of the air defence specialisation module is to provide an introduction to the working principles of the air defence branch of service in modern combat activities and to the role of air defence subunits within air defence battalion's concept of operation. The subject also aims to provide future officers with the qualifications to perform air defence platoon and battery commander tasks in peacetime and wartime.	
<b>Outcomes</b>	After completion of the air defence specialisation module the student: <ul style="list-style-type: none"> <li>1) Knows the general principles of air defence unit combat activities, tactics of modern air warfare, capabilities of air defence units and air defence assets;</li> <li>2) Is able to plan, prepare and command the combat activities of an air defence cannon team, cannon platoon, cannon battery, rocket team and rocket platoon in modern combat environment, taking into account their combat composition and capabilities and following the rules and regulations prescribed for air defence combat activities;</li> <li>3) Is capable of independently planning, preparing, conducting and evaluating the training of a unit up to the size of an air defence cannon platoon and rocket platoon and to provide relevant feedback. In doing so the student is also able to take into consideration the training manuals and regulations of the Estonian Defence Forces and the air defence battalion;</li> <li>4) Knows and is able to apply air defence fire control procedures, is able to use air defence fire control and communication equipment in accordance with prescribed rules and regulations..</li> </ul>	
<b>Assessment:</b> the module is assessed on the basis of subjects.		

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK16.13	Fundamentals of Air Defence	2 ECP	ND	V–VI
LT16.11	Air Defence Communications and Fire Control	8 ECP	D	V–VI
TK16.14	Weapons and Combat Training of an Anti-aircraft Cannon Battery	10 ECP	D	V–VI
TK16.15	Weapons and Combat Training of an Anti-aircraft Missile Battery	7 ECP	D	V–VI
JP16.18	Practical Placement - Air Defence Instructor	3 ECP	ND	V–VI
TK09.52	Practical Placement - Planning and Command of Air Defence Combat Activities	5 ECP	ND	V–VI

The subjects in this module are obligatory the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	TK16.13
Subject	Fundamentals of Air Defence

Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	None
Objectives	The aim of the subject is to provide students with the basic knowledge of the air defence arm of service and using air assault assets in combat activities, in order to enable them to implement such knowledge in further studies and future service.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can describe the principles of the employment and classification of air defence units;</li> <li>2) Can describe the control measures and readiness levels of air defence;</li> <li>3) Can describe the chain of command and support structures of air defence units and their influence on combat activities;</li> <li>4) Knows the main armaments, combat equipment and their capabilities of an air defence battalion;</li> <li>5) Knows the wartime structure of an air defence battalion down to squad level;</li> <li>6) Can name the types of air assault assets and air assault weapon systems and understands modern air warfare tactics ;</li> <li>7) Can visually detect various air assault assets within specified time constraints.</li> </ol>

Subject Code	LT16.11
Subject	Air Defence Communications and Fire Control
Volume	8 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the necessary knowledge and skills to deal with the structure, technology and applications of an air defence battalion communication and fire control system, as well as using the electromagnetic spectrum in combat activities and the characteristics of the battlespace, in order for the student to be able to function as the platoon commander of a fire control and logistics battery.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is able to describe the principles of an air defence battalion's communications activities;</li> <li>2) Is able to use the communications and fire control assets of an air defence battalion (radio stations, fire control terminals and centres, radars) pursuant to regulations and the communications procedures of the Estonian Defense Forces and NATO;</li> <li>3) Knows the functions and work principles of a fire control centre;</li> <li>4) Can describe the combat activity of the fire control and logistics battery of an air defence battalion and can perform the duties of the commander of the control and logistics platoon;</li> <li>5) Understands the principles of airspace control measures and their importance in a modern combat environment;</li> <li>6) Can understand an order airspace control orders and can mark such information down on a map;</li> <li>7) Can name the principles of electronic attack, support and defence</li> </ol>

	related to communications and the use of radars, and has an overview of directed radiation weapons.
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Subject Code	TK16.14
Subject	Weapons and Combat Training of an Anti-aircraft Cannon Battery
Volume	10 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Weapons and Firing Training of a 23mm Anti-aircraft Cannon ZU-23-2 (3 ECP, V-VI, ND) 2. Weapons and Firing Training of a 12.7mm Heavy machine-gun Browning (2 ECP, V-VI, ND) 3. Combat Training of an Anti-aircraft Cannon Battery (5 ECP, V-VI, D)
Objectives	The aim of the subject is to give students the necessary skills for handling and firing the 23 mm weaponry of an air defence cannon battery, in order to be able to function as an instructor. The subject also provides knowledge of the principles of combat activity in order for the student to use this knowledge as a basis for further studies in their service as commander of a cannon platoon and fire control platoon.
Outcomes of the Subject	After completion of the subject the student: 1) Can fire the 23mm anti-aircraft cannon and 12.7mm heavy machine-gun correctly and safely; 2) Can fire on ground and air targets using the 23mm anti-aircraft cannon and 12.7mm heavy machine-gun, and can use firing simulators for firing training; 3) Can operate as fire controller for the ZU-23-2 and 12.7mm heavy machine-gun; 4) Knows the tasks of all anti-aircraft cannon battery members and is able to operate as team member or chief of a cannon team when performing combat tasks; 5) Is able to describe the planning and command principles of the combat activities of an anti-aircraft cannon battery and can perform the duties of chief of a cannon team as well as deputy chief and chief of a battery; 6) Knows the fire control procedures of a cannon battery.

Subject Code	TK16.15
Subject	Weapons and Combat Training of an Anti-aircraft Missile Battery
Volume	7 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	1. Weapons and Firing of Anti-aircraft Missile System MISTRAL (3 ECP, V-VI, ND) 2. Combat Training of an Anti-aircraft Missile Subunit (4 ECP, V-VI, D)
Objectives	The subject aims to give students the basic knowledge for operating the weapons and principles of combat activities of an anti-aircraft missile battery. It also gives the necessary skills to enable the student to use this knowledge in further studies and service as a commander of a missile platoon and an air defence officer.
Outcomes of the Subject	After completion of the subject the student: 1) Is able to operate the MISTRAL missile system and its parts correctly and safely; 2) Can fire upon air targets and use the NG-4 simulator if firing training;



	<ol style="list-style-type: none"> <li>3) Is able to operate as fire controller of the MISTRAL;</li> <li>4) Knows the regular structure of an anti-aircraft missile battery and the tasks of its subunit commanders. Is able to operate as a member and chief of a missile team when performing combat activities;</li> <li>5) Is able to describe the planning and command principles of the combat activities of an anti-aircraft missile battery and missile platoon and can function as chief of a missile team;</li> <li>6) Knows the special conditions of fire control procedures in a missile battery in the absence of data communication;</li> <li>7) Is familiar with the decision-making process of a supported unit staff and understands the need for using air defence information in different stages of staff work.</li> </ol>
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Subject Code	JP16.18
Subject	Practical Placement - Air Defence Instructor
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to provide students with the skills to compile air defence lesson plans and field exercise plans for training purposes. The student acquires first-hand experiences as an air defence instructor.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to plan the weapons and combat training of an anti-aircraft cannon battery and missile battery, taking into consideration the learning objectives and outcomes, as well as device properties;</li> <li>2) Is able to plan the fire control and communications training for air defence taking learning objectives and outcomes into account, as well as device properties;</li> <li>3) Is able to select the technical and illustrative aids, as well as the teaching methods, most appropriate for air defence training;</li> <li>4) Is able to evaluate the achievement of learning outcomes for air defence lessons;</li> <li>5) Can analyse himself as a trainer and formulate the skills to be improved.</li> </ol>

Subject Code	TK09.52
Subject	Practical Placement - Planning and Command of Air Defence Combat Activities
Volume	5 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to reinforce the knowledge and skills of an anti-aircraft cannon battery and missile battery already acquired in weapons and combat training in order to enable the student to operate as commander of an anti-aircraft cannon battery and missile battery.
Outcomes of the Subject	<p>After the completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Has command of combat planning procedures for air defence units to support units up to infantry battalion level;</li> <li>2) Is able to plan air defence support considering the type of weapon and</li> </ol>

	combat operation; 3) Is able to choose the position of air defence units, considering a specific task and air threat; 4) Knows which air defence unit activities should be coordinated with the commander of a supporting unit; 5) Can lead the combat activities of an anti-aircraft cannon battery and missile platoon in cooperation with a supported unit; 6) Understands the tasks of an air defence subunit commander in relation to the preparation and execution of an infantry battalion operation plan.
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<b>SPECIALISATION MODULE V – ARTILLERY SPECIALTY (35 ECP)</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of the artillery specialisation module is to introduce the main principles of the artillery arm of service in modern combat activities and to provide students with the knowledge and skills needed to fulfil the tasks of a platoon commander and battery commander of an artillery firing battery peacetime and wartime.	
<b>Outcomes</b>	After completion of the artillery specialization module the student: <ol style="list-style-type: none"> <li>1) Is aware of the development, role and tasks of artillery in modern warfare;</li> <li>2) Is familiar with the interior and exterior ballistics of artillery weapons and understands the application of probability theory and statistics in artillery;</li> <li>3) Is able to plan and organize preparation and command firing platoon and fire battery combat activities, taking into consideration their combat structure and capabilities;</li> <li>4) Is able to use the weaponry, equipment and technical assets of firing batteries;</li> <li>5) Is familiar with the structure, tasks and capabilities of an artillery battalion;</li> <li>6) Is able to plan and command infantry company fire support and knows the principles for organizing infantry battalion fire support in different types of combat;</li> <li>7) Knows the safety rules and regulations of artillery weapons for live fire exercises and is able to fill the positions of a fire position checker, command post checker, artillery survey checker and forward observer checker.</li> </ol>	
<b>Assessment:</b> the module is assessed on the basis of subjects.		

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK15.11	Fundamentals of Artillery	2 ECP	D	V–VI
TK15.12	Fire Support of an Infantry Company and Infantry Battalion, Fire Control	2 ECP	D	V–VI
TK15.13	Artillery Weapons and Ammunition, Tasks of a Gun Section	8 ECP	D	V–VI
TK15.14	Safety Measures and Safety Personnel in Artillery Firings	2 ECP	ND	V–VI
LT16.12	Calculation of Artillery Firing Data	6 ECP	D	V–VI
LT16.13	Artillery Survey	6 ECP	D	V–VI

TK15.17	Combat Training of a Fire Platoon and Fire Battery	3 ECP	D	V-VI
TK15.18	Practical Placement - Artillery Specialty	6 ECP	ND	V-VI

The subjects in this module are obligatory for the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	TK15.11
Subject	Fundamentals of Artillery
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students an overview of artillery history in Estonia and beyond. The subject provides knowledge of indirect weapons, interior and exterior ballistics and artillery tactics in order to prepare students for the planning and command of firing battery combat activities.
Outcomes of the Subject	After completion of the subject the student: <ul style="list-style-type: none"> <li>1) Knows the development of indirect weapons throughout history, and the history and traditions of artillery in Estonia;</li> <li>2) Knows the interior and exterior ballistics of artillery weapons;</li> <li>3) Knows various types of indirect weapons and ammunition, modern weapons systems and their combat power;</li> <li>4) Understands the role of artillery in modern combat activities;</li> <li>5) Knows the structure, combat power and principles of application principles of artillery battalions in the Estonian Defence Forces for different types of combat, based on artillery doctrine and various procedural regulations;</li> <li>6) Knows the principles of artillery intelligence and counter fires artillery and relevant capabilities of the Estonian Defence Forces;</li> <li>7) Knows the structure, weapons and tactics of the artillery units of a tactical enemy;</li> <li>8) Knows the combat service support principles of the artillery battalion of the Estonian Defence Forces.</li> </ul>

Subject Code	TK15.12
Subject	Fire Support of an Infantry Company and Infantry Battalion, Fire Control
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to reinforce students' fire control skills and to provide them with the necessary knowledge and skills to operate as fire support officers in an infantry company.
Outcomes of the Subject	After completion of the subject the student: <ul style="list-style-type: none"> <li>1) Can use the fire control and communications equipment of an artillery battalion;</li> <li>2) Is able to control indirect fire, considering fire support coordination measures and safe distances;</li> <li>3) Is able to plan the fire support of an infantry company in different types of combat, considering an operation plan;</li> </ul>

	4) Knows the principles of fire support and the tasks of a fire support officer in an infantry battalion.
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Subject Code	TK15.13
Subject	Artillery Weapons and Ammunition, Tasks of a Gun Section
Volume	8 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students an overview of howitzers and ammunition as used in the Estonian Defence Forces, and the skills to perform the tasks of gun section members.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the tactical and technical properties of the howitzers FH-70 and D-30, as well as their parts, working principles and combat capability;</li> <li>2) Is able to use howitzers correctly, following safety regulations;</li> <li>3) Is able to maintain and manage the maintenance of howitzers in accordance with set regulations;</li> <li>4) Knows the tactical and technical properties of howitzer ammunition and is able to handle that ammunition correctly, following all safety requirements;</li> <li>5) Is able to operate as a gun section member when seizing and abandoning howitzer fire positions;</li> <li>6) As a weapons team member, is able to perform firing procedures;</li> <li>7) Is able to secure and camouflage a howitzer fire position.</li> </ol>

Subject Code	TK15.14
Subject	Safety Measures and Safety Personnel in Artillery Firings
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills to follow safety requirements for planning and executing artillery firings, enabling them to perform the duties of safety personnel.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the requirements set for artillery firings and follows all safety regulations when planning fire activities;</li> <li>2) Is able to perform the tasks of howitzer platoon fire position checker during artillery firing;</li> <li>3) Is able to perform the tasks of a command post checker during artillery firing;</li> <li>4) Is able to perform the tasks of artillery survey checker during artillery firing;</li> <li>5) Is able to perform the tasks of forward observer checker during artillery firing.</li> </ol>

Subject Code	LT16.12
Subject	Calculation of Artillery Firing Data
Volume	6 ECP
Assessment	Differentiated assessment

Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge of artillery firing data and calculation equipment and the skills for using them, in order that students perform the duties of artillery calculation group member.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the structure and tasks of a calculation team;</li> <li>2) Is able to use the basic equipment and technical equipment of a command post team;</li> <li>3) Is able to calculate the firing data for the howitzer FH-70 for a howitzer platoon, using a calculation program and by hand;</li> <li>4) Is able to calculate the firing data for the howitzer D-30 for a howitzer platoon, using a calculation program and by hand;</li> <li>5) Is able to read fire orders and follow fire support annexes to operation orders, taking into consideration fire coordination measures;</li> <li>6) Knows the requirements determining how a command post team cooperates with a fire direction centre and forward observer.</li> <li>7) Is able to use command post radios;</li> </ol>

Subject Code	LT16.13
Subject	Artillery Survey
Volume	6 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills to perform the duties of artillery survey group members, using standard equipment.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the tactical and technical properties of survey equipment used in artillery, and the requirements for the precision of survey work;</li> <li>2) Is able to use the standard survey equipment of an artillery battalion equipped with howitzers FH-70 and D-30;</li> <li>3) Taking guidance from constellations, is able to determine a precise direction using the survey tools that are part of standard equipment;</li> <li>4) Is able to use various survey methods to determine a precise direction and coordinates;</li> <li>5) Is able to maintain survey tools correctly and manage maintenance work.</li> <li>6) Can use the communication equipment of a survey group.</li> </ol>

Subject Code	TK15.17
Subject	Combat Training of a Fire Platoon and Fire Battery
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the structure, equipment and tactical use of a firing battery, and the skills to organize its secured march, tactical deployment and command. It also enables students to perform the wartime tasks of the platoon leader of a firing battery.

Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the structure, means of transport and other technical equipment (generators, etc.) of firing batteries;</li> <li>2) Knows the requirements for the position areas and artillery fire positions of the howitzers D-30 and FH-70, and is able to organize the fortification of a fire position using attached engineer assets given by a platoon or higher units;</li> <li>3) Is able to command the fire activities of a platoon and knows the principles of the fire activities of a firing battery considering the organization of communications within a firing battery;</li> <li>4) Is able to organize the preparation and execution of reconnaissance activities in a platoon and battery, applying appropriate security measures (including active and passive air defence);</li> <li>5) Is able to lead the motorized march of a platoon and a firing battery, and the seizure and abandoning of fire positions, applying appropriate security measures (including active and passive air defence);</li> <li>6) Is able to lead the quick reaction force of a platoon and battery;</li> <li>7) Is able to lead the activities of a firing platoon in the event of NBC attacks;</li> <li>8) Is able to organize the platoon combat service support of a platoon (incl. ammunition resupply) and knows the principles of battery combat service support.</li> </ol>
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Subject Code	TK15.18
Subject	Practical Placement - Artillery Specialty
Volume	6 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to reinforce the knowledge and skills acquired in artillery specialty subjects in order to perform the wartime tasks of a howitzer battery platoon commander and firing battery commander.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to plan and command the combat activities of a firing platoon, considering tactical and safety requirements;</li> <li>2) Is able to plan and command the combat activities of the HQ platoon of a firing battery.</li> <li>3) Is able to plan and command the combat activities of a firing battery, supporting the operation plan of an infantry unit and following tactical requirements;</li> </ol>

<b>SPECIALIZATION MODULE VI – COMMUNICATIONS SPECIALTY (35 ECP)</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of the communications specialisation module is to provide students with the necessary knowledge and skills for using the most widespread communications and information technology devices in the Estonian Defence Forces, for planning and organizing communications networks. It also gives them the qualifications for acting as a communications platoon commander in peacetime and wartime.	

<b>Outcomes</b>	<p>After completion of the communications specialisation module the student:</p> <ol style="list-style-type: none"> <li>1) Is familiar with the fundamentals of communications and electrical engineering, enabling him/her to understand and explain the working principles of the communications equipment and communication and information systems most widely used in the Estonian Defence Forces;</li> <li>2) Knows the basics of information technology, enabling him/her to understand the working principles of computer networks and to plan and create local area networks without servers;</li> <li>3) Is familiar with the fundamentals of cyber security and its application principles in the Estonian Defence Forces;</li> <li>4) Knows the principles of planning and organizing communications, is able to plan infantry battalion communication networks in accordance with orders from higher command, following required services and using subunit equipment;</li> <li>5) Is able to use the most widespread communications equipment of the Estonian Defence Forces;</li> <li>6) Is able to organize communications platoon training and activities in a combat situation.</li> </ol>
<b>Assessment:</b> the module is assessed on the basis of subjects.	

Code	Subject	Volume	Assessment	Semester
LT09.08	Fundamentals of Electrical Engineering	4 ECP	ND	V–VI
LT12.01	Fundamentals of Communications Technology	5 ECP	D	V–VI
LT14.05	Fundamentals of Information Technology	5 ECP	D	V–VI
TK12.07	Communications Tactics	3 ECP	D	V–VI
LT16.14	Communications Equipment, Networks and Procedures	10 ECP	D	V–VI
JP16.19	Practical Placement of a Communications Officer-Instructor	8 ECP	ND	V–VI

The subjects in this module are obligatory for the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	LT09.08
Subject	Fundamentals of Electrical Engineering
Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the fundamentals of electrical engineering, the main laws governing different electrical circuits, and the safe use of power systems. The students acquire skills regarding the compilation of circuit diagrams, carrying out measurements, analysis and interpretation of results, considering the uncertainty of their measurements. They should also to be able to organize the electrical supply for the communications subunit of an infantry battalion.
Outcomes of the Subject	After the completion of the subject the student:

	<ol style="list-style-type: none"> <li>1) Knows the theoretical foundations of electrical engineering and various circuit sources and voltage sources;</li> <li>2) Knows the main characteristics and application possibilities of the elements used in power systems;</li> <li>3) Understands the working principles of three-phase voltage sources and the main characteristics of direct and alternating current circuits;</li> <li>4) Is able to use basic electrical measuring instruments in power supplies and make basic calculations and interpret results;</li> <li>5) Is able to plan and compile basic circuit diagrams and electrical networks based on the needs of the battalion's command structure and the power capacity of existing power sources;</li> <li>6) Knows the electrical safety requirements and limitations valid in the Republic of Estonia and is able to estimate the impact of the environment on power systems.</li> </ol>
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Subject Code	LT12.01
Subject	Fundamentals of Communications Technology
Volume	5 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the fundamentals of communications systems and services, the capacity of communication technology, as well as the skills for using communications devices, in order to provide communications technology support for an infantry battalion.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Knows the types, purposes and working principles of communications and information systems and can name their fields of use;</li> <li>2) Is able to describe the main specifications and information flows of communications systems and signals;</li> <li>3) Knows the fundamentals of the communications technology used by radio communication devices in an infantry battalion and is able to explain their working principles and specifics of signal dissemination;</li> <li>4) Knows the fundamentals of the communications technology used by cable communication devices in an infantry battalion and is able to explain their working principles and specifics of cable signal dissemination;</li> <li>5) Is able to carry out the technical communications measurements and, on the basis of engineer-technical calculations, estimate the possibility to create communication.</li> </ol>

Subject Code	LT14.05
Subject	Fundamentals of Information Technology
Volume	5 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the working principles of a computer network and the skills for planning and creating a local area network (LAN) without a server, compiling a network plan



	based on the needs analysis of end-users. The students will acquire an overview of information security and the skills for estimating the security of networks considering cyber defence when planning, creating and maintaining networks.
Outcomes of the Subject	After completion of the subject the student: 1) Knows IT and network devices and their functions in networks; 2) Is able to prepare the cables and connections necessary for computer networks and connect them; 3) Is able to plan a LAN without a server and compile a network plan with necessary data; 4) Knows the main threats in the cyberspace, and knows the procedures and methods of ensuring one's cyber hygiene.

Subject Code	TK12.07
Subject	Communications Tactics
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills necessary for communication planning, to be able to operate as a communications officer for a land force battalion-sized unit, including the staff company of a higher unit. The subject enhances the students' ability to analyse by teaching the compilation of a unit's communication plan and communication annex and the development of command post communication network in accordance with the orders of a superior commander, the communications capability of a unit and principles of electronic warfare.
Outcomes of the Subject	After completion of the subject the student: 1) Knows the fundamentals of planning communication networks in land force service arms within a battalion; 2) Is able independently to plan and compile the communication plans and communication annexes of a battalion; 3) Knows the structure, standard operating procedures and capabilities of communication subunits, and knows communication centres and their technical communication requirements; 4) Is able to perform terrain analysis based on the communication technology and the combat objective of the subunit; 5) Can formulate the impact of electronic warfare on the communication and information systems of a unit, and can take this into consideration when planning and organizing the communication of an infantry battalion; 6) Knows the elements of a command post, as well as the stages of reconnaissance and building of a command post; 7) Is able to build command posts for an infantry battalion and up and set up communications for diverse circumstances (buildings, cars, tents).

Subject Code	LT16.14
Subject	Communications Equipment, Networks and Procedures
Volume	10 ECP
Assessment	Differentiated assessment

Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge of the standard communications and IT equipment of the communications subunit of an infantry battalion and centrally-subordinated communications unit, and the necessary skills for using such equipment. It also aims to give the knowledge and skills to operate within both national and international communications networks.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the working principles and capabilities of radio communication, cable communication, power supply and IT equipment of the communications subunit of an infantry battalion;</li> <li>2) Is able to handle the power supply, IT and communications equipment covered during studies, following set safety requirements and user manuals;</li> <li>3) Knows the maintenance and storage requirements of the communications equipment of a communications subunit;</li> <li>4) Knows the user level maintenance requirements of communications and IT equipment;</li> <li>5) Is able to create and maintain wire and data communication networks according to orders;</li> <li>6) Is able to follow set communications procedures both in national and international communication networks;</li> <li>7) Is able to describe the central communication and information systems of the Estonian Defence Forces and knows their purposes;</li> <li>8) Knows the purposes and capabilities of a tactical communications and information system;</li> </ol>

Subject Code	JP16.19
Subject	Practical Placement of a Communications Officer-Instructor
Volume	8 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the skills to carry out the communications training of a subunit and to command a communications subunit. Students acquire the initial work experience as communications instructors, putting the knowledge obtained in specialty training into practice.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Is able to plan the training of a communications platoon, following learning objectives and outcomes and the specific characteristics of a device;</li> <li>2) Is able to select the most appropriate technical and illustrative aids and teaching methods when teaching communications subjects;</li> <li>3) Is able to carry out specialty training and evaluate the achievement of learning objectives;</li> <li>4) Is able to perform the duties of a chief of a communications subunit;</li> <li>5) Is able to analyse him/herself as a trainer and leader.</li> </ol>

<b>SPECIALISATION MODULE VII – LOGISTICS SPECIALTY (35 ECP)</b>		<b>Volume 35 ECP</b>
<b>Objective</b>	The aim of the logistics specialisation module is to provide students with knowledge of the fundamentals of logistics, accounting and occupational safety, as well as of the documentation and peacetime and wartime structure of logistics in the Estonian Defence Forces. It also aims to provide the skills necessary for planning and command of all functions of logistics and performing the tasks of the commander of a logistics unit as a platoon and company commander.	
<b>Outcomes</b>	After completion of the logistics specialisation module the student: <ol style="list-style-type: none"> <li>1) Knows the foundations of logistics and is able to differentiate between various logistics functions;</li> <li>2) Knows the difference between civil logistics and the logistics of military-civilian authorities;</li> <li>3) Is able to plan and command the activities of a logistics unit as a platoon and company commander;</li> <li>4) Knows the Estonian Defence Forces' transport system and the principles of organizing land transportation;</li> <li>5) Is familiar with the basics of economics and accounting and is able to perform the basic accounting transactions of a logistics unit;</li> <li>6) Knows the fundamentals of risk and threat assessment;</li> <li>7) Is able to plan and command the training and specialised tactical exercises of logistics company platoons;</li> <li>8) Knows the structure and tasks of the logistics section of an infantry battalion staff.</li> </ol>	
<b>Assessment:</b> the module is assessed on the basis of subjects.		

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Assessment</b>	<b>Semester</b>
TK16.16	Fundamentals of Civilian Logistics	2 ECP	D	V–VI
TK16.17	Logistics of the Estonian Defence Forces	3 ECP	D	V–VI
LT15.02	Fundamentals of Economics and Accounting	4 ECP	D	V–VI
TK16.18	Risks and Safety	3 ECP	ND	V–VI
JP16.20	Peacetime Administration and Materials Management	3 ECP	D	V–VI
TK16.19	Transport Management	2 ECP	ND	V–VI
LT16.15	Transport Economics	3 ECP	D	V–VI
LT15.04	Technology Studies	3 ECP	ND	V–VI
TK16.20	Logistics Functions on the Battlefield	4 ECP	ND	V–VI
TK15.25	Planning and Command of Logistic Support	4 ECP	D	V–VI
TK15.26	Practical Placement - Planning and Command of Logistic Support	4 ECP	ND	V–VI

The subjects in this module are obligatory for the students completing the specialisation module. The module is completed according to the progression of subjects as prescribed by the ENDC.

Subject Code	TK16.16
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Subject	Fundamentals of Civilian Logistics
Volume	2 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students an overview of the fundamental principles of logistics, its concepts, and theoretical overviews of the organization of logistics in different institutions, including various civil-military authorities.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Knows the concepts of the field of logistics and their content;</li> <li>2) Can describe the development of the discipline of logistics;</li> <li>3) Can formulate in their own words the principles of civilian logistics and its central question;</li> <li>4) Knows the links between military logistics and civilian logistics and can outline their fundamental differences;</li> </ol>

Subject Code	TK16.17
Subject	Logistics of the Estonian Defence Forces
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students general knowledge of the peacetime and wartime structure of Estonian Defence Forces land force logistics, its units of various sizes, their functions, development trends and main tasks.
Outcomes of the Subject	After completion of the subject the student: <ol style="list-style-type: none"> <li>1) Can describe the organization of logistics in the Estonian Defence Forces;</li> <li>2) Has an overview of the logistics units, logistics subunits and their main tasks in the Estonian Defence Forces;</li> <li>3) Knows the concepts and their content in the field of logistics;</li> <li>4) Can describe the overall organization of tactical logistics;</li> <li>5) Can describe the organization of logistics in support of the major operations of the Estonian Defence Forces (e.g. mobilization, formation, missions abroad) and in support of various peacetime activities.</li> </ol>

Subject Code	LT15.02
Subject	Fundamentals of Economics and Accounting
Volume	4 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of the fundamentals of economics, accounting, of microeconomic and macroeconomic processes. The students acquire the accounting skills necessary to perform the service duties in the Logistics Centre of the Estonian Defence Forces.
Outcomes of the Subject	After completion of the subject the student:

	<ol style="list-style-type: none"> <li>1) Is able to highlight the differences and connections between financial accounting and management accounting;</li> <li>2) Is able to explain the basic concepts of economics and accounting;</li> <li>3) Is able to distinguish between microeconomic and macroeconomic factors that influence economy;</li> <li>4) Has an overview of the legal acts and regulations of accounting and knows the provisions pertaining to the Estonian Defence Forces;</li> <li>5) Is able to calculate income tax, value added tax, social tax, and the fixed and current assets of a legal person.</li> </ol>
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Subject Code	TK16.18
Subject	Risks and Safety Management
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students knowledge of legislation concerning occupational healthcare, occupational safety and fire safety, as followed in the Estonian Defence Forces. The subject introduces the set of safety requirements for handling equipment and transporting personnel. Students will be able to perform tasks related to logistic support in compliance with safety regulations.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Has an overview of the legislation governing occupational healthcare, occupational safety and fire safety at military unit level;</li> <li>2) Knows the safety regulations regarding the packaging, loading, storing, transport and destruction of equipment;</li> <li>3) Can prepare packages depending on the transport task;</li> <li>4) Knows the principles of compiling risk assessments;</li> <li>5) Can organize the transport of personnel in accordance with current legislation;</li> <li>6) Can prepare freight for transport and fasten it purposefully, safely and in accordance with the requirements in a cargo room;</li> <li>7) Can move to action in the event of a traffic accident;</li> <li>8) Knows the legislation related to the transport and storage of hazardous substances.</li> </ol>

Subject Code	JP16.20
Subject	Peacetime Administration and Materials Management
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills for providing peacetime logistic support. The subject will introduce storage and supply procedures, as well as required fillable document forms and information systems.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ol style="list-style-type: none"> <li>1) Is able to plan and command the activities of a supply unit in peacetime.</li> <li>2) Is able to manage warehouse processes and organize an efficient</li> </ol>

	<p>handling of warehouse stock in peacetime;</p> <p>3) Is able to fill out logistics documents necessary in everyday records management in accordance with requirements;</p> <p>4) Knows the principles of inventory and the requirements for writing off the equipment of a subunit;</p> <p>5) Can name the most important documents regulating materials management and knows their scope of application;</p> <p>6) Can use different software products regulating materials management (Postipoiss, MAS-AX, LOGFAS, Excel) for basic administration activities in peacetime;</p> <p>7) Can describe the methods and principles of filling equipment tables;</p>
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Subject Code	TK16.19
Subject	Transport Management
Volume	2 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students knowledge of the fundamentals of the planning, organization and command of passenger and goods transport. The subject mostly addresses road transport, but also involves the particularities of sea, air and rail transport.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <p>1) Knows the basic theory and concepts of transport management;</p> <p>2) Knows the selection criteria for the types and means of transport;</p> <p>3) Is able to calculate labour and leisure time for drivers;</p> <p>4) Can apply road transport regulations and other legislation when planning transport;</p> <p>5) Knows the principles and related legislation for the transport of goods requiring special care, including regulations for oversized cargo and hazardous substances;</p> <p>6) Can apply for special authorizations for transport operations with restrictions;</p> <p>7) Can name supply clauses and can relate them to transport at the Estonian Defence Forces;</p>

Subject Code	LT16.15
Subject	Transport Economics
Volume	3 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills for measuring and evaluating the success of transport activities. The subject introduces the theory of transport economics, concepts and different application opportunities when planning and managing transport economics.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <p>1) Knows the main terms of transport economics and the concepts behind them;</p> <p>2) Can evaluate the expenses of transport;</p>

	<ul style="list-style-type: none"> <li>3) Can name the quantity and efficiency indicators of the transport system and transport activities;</li> <li>4) Can analyze the efficiency of the transport system using quantitative methods;</li> <li>5) Can analyze the need for transportation and offer optimal solutions.</li> </ul>
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Subject Code	LT15.04
Subject	Technology Studies
Volume	3 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the skills for using the main technical equipment a logistics subunit and for organizing the technical training of a unit.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ul style="list-style-type: none"> <li>1) Knows the technical specifications and tactical data of the technical equipment used in the Estonian Defence Forces;</li> <li>2) Can use the most common wheeled transport equipment used in the Estonian Defence Forces and orientate himself using such means of transport;</li> <li>3) Is able to plan and carry out the 1st level maintenance of wheeled transport equipment;</li> <li>4) Can choose the appropriate driving style and a route for driving on difficult terrain;</li> <li>5) Knows winching and towing techniques;</li> <li>6) Can apply the basic techniques of a hydraulic lift when making a freight;</li> <li>7) Can use the most common field service equipment;</li> <li>8) Can plan and coordinate the technical training of a logistics unit.</li> </ul>

Subject Code	TK16.20
Subject	Logistics Functions on the Battlefield
Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the knowledge and skills for filling out logistics-related documents at battalion level.
Outcomes of the Subject	<p>After completion of the subject the student:</p> <ul style="list-style-type: none"> <li>1) Knows the subdivisions of the combat service support guide;</li> <li>2) Can interpret the combat service support guide of a higher logistics operator;</li> <li>3) Can draft the correct function-based support plans to be attached to the combat service support guide;</li> <li>4) Can name the most important aspects of different functions for different tactical activities;</li> <li>5) Can plan the supply, transport, repair and maintenance, as well as the casualty evacuation and field services of an infantry battalion in various tactical activities;</li> <li>6) Knows the deployment principles of a specialist unit on terrain;</li> </ul>

	7) Knows the specialized activity organization principles of the transport unit of platoon and company-sized units.
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Subject Code	TK15.25
Subject	Planning and Command of Logistic Support
Volume	4 ECP
Assessment	Differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of this subject is to give students the skills to draft the combat service support concept in support of the tactical activities of an infantry battalion, and the skills to translate this concept into the operation order of a combat service support unit. Students will be able to draft the operation order and the combat service support guide of a logistics company.
Outcomes of the Subject	After completion of the subject the student: 1) Is able to analyze combat service support tasks based on the order of a superior commander, combat service support guide and the specialty plans of higher supporting units; 2) Is able to evaluate the situation of combat service support based on the reports of subunits; 3) Can apply the principles of combat service support when planning the activities of a logistics company and specialty platoons; 4) Can draft logistics reports; 5) Can apply unit deployment principles on terrain when planning the deployment and support areas of a logistics company and logistics battalion.

Subject Code	TK15.26
Subject	Practical Placement - Planning and Command of Logistic Support
Volume	4 ECP
Assessment	Non-differentiated assessment
Sub-subjects, volume, semester, assessment	–
Objectives	The aim of the subject is to give students the skills to command a combat service support unit in the battlefield.
Outcomes of the Subject	After completion of the subject the student: 1) Can lead combat service support activities in the field; 2) Can apply the principles of combat service support when planning the activities of a logistics company and specialty platoons; 3) Can deploy in the field the combat service support units up to the size of a company; 4) Can carry out supply operations with up to company-sized task force; 5) Is able to carry out the motorized march of a subunit for deployment and transport;



**Practical Training in the Professional Higher Education Curriculum of the Estonian  
National Defence College  
“Military Leadership for Land Forces” (Reg. No. 80045)**

Pursuant to subsection 3(8) of the Higher Education Standard, the volumes and percentages of practical training in the curriculum of professional higher education (15% of the total volume of the curriculum) are as follows.

**The volume of practical subjects in main specialty and in the specialisation module (INFANTRY SPECIALTY)**

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Volume of practical training</b>
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	6 ECP
TK16.08	Fire Control	2 ECP	6 ECP
TK16.10	Basics of Antitank Studies	2 ECP	6 ECP
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
JP16.16	Practical Placement - Conducting Live Fire Exercises	6 ECP	5 ECP
TK15.04	Material Technical Training of Antitank Weapons, their Tactical Use and Firing	7 ECP	4 ECP
TK16.11	Material Technical Training of Mortars, Tactical Use and Firing	9 ECP	6 ECP
LT16.10	Technology Studies	4 ECP	6 ECP
<b>Total volume of practical training</b>			<b>60 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~32%</b>

**The volume of practical subjects in main specialty and in the specialisation module (INFANTRY SPECIALTY)**

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Volume of practical training</b>
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	6 ECP
TK16.08	Fire Control	2 ECP	6 ECP
TK16.10	Basics of Antitank Studies	2 ECP	6 ECP

JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
JP16.16	Practical Placement - Conducting Live Fire Exercises	6 ECP	5 ECP
TK15.07	Material-technical Issues and Teamwork of an Infantry Fighting Vehicle.	15 ECP	11 ECP
TK15.08	Tactics and Command of of Mechanized Infantry Units	12 ECP	7 ECP
<b>Total volume of practical training</b>			<b>67 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~36%</b>

**The volume of practical subjects in main specialty and in specialisation (ENGINEER SPECIALTY)**

Code	Subject	Volume	Volume of practical training
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	1 ECP
TK16.08	Fire Control	2 ECP	1 ECP
TK16.10	Basics of Antitank Studies	2 ECP	1 ECP
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
TK15.09	Mobility Assurance	6 ECP	1 ECP
JP16.17	Live Fire Exercises (LFX) and Blasting	5 ECP	3.5 ECP
TK14.16	Combat Capability Sustainment	3 ECP	2 ECP
TK14.17	Combat Operations of an Engineer Platoon and Engineer Company	9 ECP	6 ECP
<b>Total volume of practical training</b>			<b>56.5 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~30%</b>

**The volume of practical subjects in main specialty and in specialisation (AIR DEFENCE SPECIALTY)**

Code	Subject	Volume	Volume of practical training
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	1 ECP
TK16.08	Fire Control	2 ECP	1 ECP
TK16.10	Basics of Antitank Studies	2 ECP	1 ECP

JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
TK16.14	Weapons and Combat Training of an Anti-aircraft Cannon Battery	10 ECP	5 ECP
TK16.15	Weapons and Combat Training of an Anti-aircraft Missile Battery	7 ECP	3 ECP
JP16.18	Practical Placement - Air Defence Instructor	3 ECP	3 ECP
TK09.52	Practical Placement - Planning and Command of Air Defence Combat Activities	5 ECP	5 ECP
<b>Total volume of practical training</b>			<b>60 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~32%</b>

**The volume of practical subjects in main specialty and in specialisation (ARTILLERY SPECIALTY)**

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Volume of practical training</b>
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	1 ECP
TK16.08	Fire Control	2 ECP	1 ECP
TK16.10	Basics of Antitank Studies	2 ECP	1 ECP
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
TK15.12	Fire Support of an Infantry Company and Infantry Battalion, Fire Control	2 ECP	0.5 ECP
LT16.12	Calculation of Artillery Firing Data	6 ECP	3 ECP
LT16.13	Artillery Survey	6 ECP	3 ECP
TK15.17	Combat Training of a Fire Platoon and Fire Battery	3 ECP	1 ECP
TK15.18	Practical Placement - Artillery Specialty	6 ECP	6 ECP
<b>Total volume of practical training</b>			<b>57.5 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~31%</b>

**The volume of practical subjects in main specialty and in specialisation (COMMUNICATIONS SPECIALTY)**

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Volume of practical training</b>
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP

JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	1 ECP
TK16.08	Fire Control	2 ECP	1 ECP
TK16.10	Basics of Antitank Studies	2 ECP	1 ECP
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
JP16.19	Practical Placement of a Communications Officer-Instructor	8 ECP	8 ECP
<b>Total volume of practical training</b>			<b>52 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~26%</b>

**The volume of practical subjects in main specialty and in specialisation (LOGISTICS SPECIALTY)**

<b>Code</b>	<b>Subject</b>	<b>Volume</b>	<b>Volume of practical training</b>
TK16.02	Planning and Command of Infantry Platoon Combat Operations	21 ECP	16 ECP
TK16.03	Planning and Command of Infantry Company Combat Operations	18 ECP	9 ECP
TK16.07	Practical Placement - Command of Battalion Combat Operations	2 ECP	2 ECP
JP16.06	Practical Placement -Junior Officer Peacetime Post	9 ECP	9 ECP
TK16.05	Infantry Platoon Stability Activities	2 ECP	1 ECP
TK16.08	Fire Control	2 ECP	1 ECP
TK16.10	Basics of Antitank Studies	2 ECP	1 ECP
JP16.04	Infantry Squad Live Fire Exercises (LFX) and Blasting	3 ECP	2 ECP
JP16.10	Instructor Course	10 ECP	3 ECP
JP16.20	Peacetime Administration and Materials Management	3 ECP	1 ECP
LT15.04	Technology Studies	3 ECP	2 ECP
TK16.20	Logistics Functions on the Battlefield	4 ECP	2 ECP
TK15.25	Planning and Command of Logistic Support	4 ECP	1 ECP
TK15.26	Practical Placement - Planning and Command of Logistic Support	4 ECP	4 ECP
<b>Total volume of practical training</b>			<b>54 ECP</b>
<b>Percentage of practical training in curriculum</b>			<b>~29%</b>