



Country BULGARIA	Institution Vasil Levski National Military University	Course Management of security systems	ECTS 6.0
Service All	Minimum Qualification for Lecturers <ul style="list-style-type: none"> English: Common European Framework of Reference for Languages (CEFR) Level B2 or NATO STANAG 6001 Level 2. PhD or DSc. in Management and Economics, Security and Defence, War studies or Political science. Additional education - pedagogical. On-the-job experience of leading/commanding/managing various groups of people. 		
Languages English			
Prerequisites for international participants <ul style="list-style-type: none"> English: Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 1 or 2. At least 1 year of national (military) higher education. Basic knowledge on Management. Basic knowledge on Economics. 		Goal of the Course: The course is relatively independent, based on the acquired knowledge of "Fundamentals of National Security", "Security and Defense Economics", "Fundamentals of Management" and "Conflict Management". It is a frontier science between the security and defence, economics and management sciences. The subject is a necessary prerequisite for the study of other sciences. Security systems management also emphasizes the basics of security, the basics of human security, military training and education, analysis of basic macroeconomic indicators for economic security, incl. economic growth, inflation, employment and unemployment, investment activity, government debt, budget surplus or deficit, trade balance. Key indicators concerning economic security are outlined. <ul style="list-style-type: none"> Discover and understand basic concepts in the Management of Security Systems. Subjects of security. Basic security levels. Types of security. Security and international relations management. Role of the main actors in the international security system. Motivation. Crises and conflicts. Discover and understand basic principles of functioning, structure and trouble spots of the economy part which creates conditions for basic satisfying societal needs. Deepen knowledge of the economic consequences of defence and security. Deepen knowledge of the decision-making process. Learn about economic aspects conflicts, economic consequences of armed conflicts. Learn about future development of defence and security economy. 	
		Important note: Management of security systems includes fundamental important elements of the Module Defense and Security Economics of ESDC SECRETARIAT -	



	<p>Implementation Group.</p> <p>Practical orientation of the current curriculum</p> <p>Management of Security Systems includes good knowledge and practical orientation on:</p> <ul style="list-style-type: none"> • Basic concepts in the Security Systems Management. • Security and international relations management. • Motivation to work in the main units of security and defense systems. • Crises and conflicts. • Fundamentals of economic security - basic macroeconomic indicators and analysis of basic macroeconomic indicators, incl. economic growth, inflation, employment and unemployment, investment activity, government debt, budget surplus or deficit, trade balance.
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Learning outcomes	Knowledge	<ul style="list-style-type: none"> • Know basic concepts at the management of security systems. • Demonstrate knowledge on major threats to security management. • Describe security and international management relations. • Describe role of the main actors in the international security system. • Describe motivation to work in the main units of security and defence systems. • Describe crises and conflicts. • Know the crucial economy-security relations and principles of economics. • Know the basic direction of defence and security economy development. • Demonstrate the necessary terminologies allowing him/her to express opinion, arguments and feedbacks in an appropriate manner in English.
	Skills	<ul style="list-style-type: none"> • Is able to analyse, synthesize, evaluate and make sound judgments with initiative and creativity. • Is able to consider the main management problems related to the security and defence field. • Is able to consider the main economic problems related to the security and defence field. • Is able to make scientifically based and motivated management decisions. • Is able to solve problematic situations related to security



		management in all its forms <ul style="list-style-type: none"> • Is able to manage conflict situations. • Is able to manage motivational processes, crises and conflicts.
	Competences	<ul style="list-style-type: none"> • Is able to analyse of basic macroeconomic indicators, incl. economic growth, inflation, employment and unemployment, investment activity, government debt, budget surplus or deficit, trade balance. • Is able to argue the important decisions in the decision-making process in the field of security and defense. • Is able to argue the necessity and suitability of economic analysis methods. • Is able to analyse the economic trends and policies and consider possible courses of action.

Verification of learning outcomes

Observation: The main academic methods of giving knowledge are lectures and seminar sessions, which are held in mix training courses of both students and cadets.

Throughout the Module students are to discuss the given topics within syndicates and in the plenary and present teamwork results. During these work students are to be evaluated to verify their competences.

Project: Group project and its defence and final examination. A group project will focus on the basic description of a selected part of defence and security economy. Students will have to select any country and do a general economic characterization, its defence or security system. Students will point out main problems connected to selected parts of defence and security economy within the condition of this country. Students can use basic methods of scientific work for the design of defence and security problem solutions.

Evaluation: Written examination at the end of the module. Evaluation on results of the course is built on the current curriculum. For this purpose, it is provided a semester examination as a preparation course project on a topic of curriculum.

Module Details		
Main Topic	Recommended WH	Details
Topic One. BASIC MANAGEMENT CONCEPTS	10	<ul style="list-style-type: none"> • History of management. • Management and management functions. • Organization and organizational environment. • Leadership and power in management. • Individual and group behaviour. • Motivation. • Conflicts. • The peace science and the concept of the cost of conflict. • Organizational culture.
Topic Two.	4	<ul style="list-style-type: none"> • Subjects and objects of security.



BASIC SECURITY SYSTEMS MANAGEMENT CONCEPTS		<ul style="list-style-type: none"> • Basic security levels. • Security lemma and dilemma. • Types of security. <p>DISCUSSION AND WORK TASKS</p>
Topic Three. FUNDAMENTALS OF SECURITY AND HUMAN SECURITY - DEVELOPMENT OF THE CONCEPT AND ITS CONNECTION WITH THE DEFENSE OF THE STATE	2	<ul style="list-style-type: none"> • Humanistic understanding of security • Human development and human security • Human security concept and security schools • Economic security as an element of human security <p>DISCUSSION AND WORK TASKS</p>
Topic Four. INTRODUCTION TO DEFENCE AND SECURITY ECONOMICS	4	<ul style="list-style-type: none"> • Fundamentals of Economics and defence and security Economics • History of economic thought. • Microeconomics - concepts. Basic issues of economics. Resource limitation. Needs, goods and usefulness. Supply and demand. • Macroeconomics and basic macroeconomic instruments. <p>DISCUSSION AND WORK TASKS</p>
Topic Five. NEW PHENOMENON IN THE NATIONAL DEFENCE AND SECURITY ECONOMY	4	<ul style="list-style-type: none"> • Major threats to security and defence management. • Major threats to manage security and defence conflicts. • Major threats to security and defence Economics. • Collapse of the state due to poor governance (corruption, abuse of power, poorly functioning institutions, lack of accountability) and conflicts. <p>DISCUSSION AND WORK TASKS</p>
Topic Six. MILITARY TRAINING AND EDUCATION IN DEFENCE AND SECURITY ECONOMY	2	<ul style="list-style-type: none"> • Views, theory and practice • Military education system • Military education and military training • Maintenance, training and development of armed forces
Topic Seven FUNDAMENTALS OF ECONOMIC SECURITY - BASIC MACROECONOMIC	4	<ul style="list-style-type: none"> • Economic Growth • Real labor productivity • Development of real consumption costs • Inflation and inflation levels • Employment and unemployment



INDICATORS		<ul style="list-style-type: none"> Investment activity Government debt Budget surplus or deficit Trade balance <p>DISCUSSION AND WORK TASKS</p>
<p>The unstable economic and political environment, as well as the low standard of living, generate a variety of threats to national and international security. The main task of the state is to ensure a certain level of economic security by forecasting and eliminating with its macroeconomic levers and means of impact, the emergence and development of various economic threats, therefore the national security system should be aimed at good governance. the efforts of state institutions, local authorities, economic entities, citizens and their organizations not only to guarantee the principles of democracy, but also to ensure the sustainable economic development and prosperity of the country.</p>		
Academic hours	30	
Additional hours to increase the learning outcomes		
Introduction	2	<p>Presentation of the National Military University Visit the library of the university, issuing reader's cards and borrowing the necessary books, textbooks and teaching aids Presenting ourselves.</p>
Introduction to useful and effective methods for learning and training in economics and management in the field of security and defense	2	<ul style="list-style-type: none"> Educational model for the acquisition of economic knowledge. Interactive approaches in learning Security and Defence Management and Economics. Sample Economics Practices. Example practices on "Fundamentals of Management". Educational technologies, techniques and teaching methods. Digital pedagogy and distance learning. Training and education in the 21st century. Virtual and augmented reality, social networks and 21st century skills building.
Introduction to Defence and Security Management	2	<ul style="list-style-type: none"> Efficiency, economy and effectiveness problem in defence decision making process. Mission and function of economic analysis methods. Methods of economic analysis suitable for defence conditions. Examples of defence decision-making problems analysis.
Introduction to Economic Analysis within the Condition of Defence and of the Military Area	2	<p>Introduction and analysis of basic macroeconomic indicators for economic security, incl.</p> <ul style="list-style-type: none"> economic growth, inflation, employment and unemployment, investment activity, government debt, budget surplus or deficit,



		<ul style="list-style-type: none"> trade balance.
Case Studies and Discussions	2	Each case study comprises a description of a situation followed by questions.
Syndicate Work	2	Work on a project. A group project will focus on the basic description of a selected part of defence and security economy. Students will have to select any country and do a general economic characterization, its defence or security system. Students will point out main problems connected to selected parts of defence and security economy within the condition of this country. Students can use basic methods of scientific work for the design of defence and security problem solutions.
Closing session	2	Feedback from you for our classes. To write something about the person next to us.
Total academic exercises with a lecturer	14	
Self-Study	30	<ul style="list-style-type: none"> Enhancing knowledge as a self-preparation on a particular subject for the final exam. Reflection of the topics issued. Preparation for the upcoming lessons and for exam(s). Reflection of the topics issued.
Total	74	

Main available resources from the author:
 /in English/

Textbook:

Petrova, E., Brief Introduction to Management, Publishing complex of National Military University, Bulgaria, Veliko Tarnovo, 2015, ISBN 978-954-753-120-8.

International Monography:

Petrova, E., etc. Integration of military logistics, chapter entitled: Strategic Partnerships in Business - as an Innovative Solution for the Development of Logistics in the Military Area, "Integration in military logistics", National Defence University 103 Chruściela Alley, 00-910, Poland, Warsaw, 2015.

Petrova, E., etc. IT PROJECT MANAGEMENT CHALLENGES AND INNOVATIONS, University of Dąbrowa Górnicza, Chapter 8. Open Source and Innovative Solutions for Project Management. ISBN 978-83-64927-58-4.

Monography:

Petrova, E., Genesis of Strategic Management, 1st edition © 2017 Elitsa Petrova & bookboon.com, ISBN 978-87-403-1843-2. <https://bookboon.com/en/genesis-of-strategic-management-ebook>.



Petrova, E., GENESIS AND DEVELOPMENT OF RESEARCH ON MOTIVATIONAL SALIENCE, 1st edition © 2021 Elitsa Petrova & bookboon.com, <https://bookboon.com/en/genesis-of-research-on-motivational-salience-ebook>.

Petrova, E., MOTIVATION FOR TRAINING IN THE FIELD OF SECURITY AND DEFENCE, 1st edition © 2021 Elitsa Petrova & bookboon.com, <https://bookboon.com/en/motivation-for-education-and-training-ebook>.

Additional resources from the author:
/in English/

- Petrova, E., A Research on Motivational Salience and Satisfaction with Training in the Field of security and Defence with the Inclusion of Some Higher Education Institutions in Europe, 9 th International Scientific Conference Public Management 2020 „The contemporary problems of management, defence and security”, Online presentation Public Management Conference, War Studies University, Poland, Warsaw, 2020.
- Petrova, E. (2021). Analysis and a short presentation of study on motivational salience and satisfaction with training in the field of security and defence, Defence Science Review, Military University of Technology, Warsaw, 2021.
- Petrova, E. (2021). Genesis and development of research on motivational salience, Defence Science Review, Military University of Technology, Warsaw, 2021.
- Petrova, E. (2020). Scientific Research on the Motivation for Learning as an Important Element of Economic and Social Sciences in the Context of Security and Defence. Annals of Spiru Haret University. Economic Series, 20(4), 55-64, doi: <https://doi.org/10.26458/2043>.
- Petrova, E., Kristina Mikalauskaite-Sostakienė (2021). Influence of academic and military training on learners' establishment as military and civilian leaders, Annual International Scientific Forum "NETWORKING ON SUSTAINABLE SECURITY IN DYNAMIC ENVIRONMENT" 20th April, 2021, Mykolas Romeris University, Academy of Public Security Kaunas, Lithuania.
- Petrova, E. (2021). Structural policy of the European Union and sources of funding project - brief historical review of the 2014-2020, the National Conference with International Participation Justice and Management in the Modern Society, 28 May 2021, Brasov, Romania.
- Brigadier General Ivan Malamov, Elitsa Petrova, The concept of e-learning, the COVID-19 global pandemic and the response of educational systems worldwide, Scientific Conference Social and Potentially Harmful Consequences of the Pandemic, Warsaw, 2021.
- Petrova, E. (2021). Education - a form of human cognitive activity. methodological preparation and pedagogical mastery in the process of teaching strategic thinking, 6th International Online Conference „Defence and Strategy“, held by the Centre for Security and Military Strategic Studies of the University of Defence (CSMSS), 9th to 10th June 2021.
- Petrova, E., Stoyko Stoykov (2021). Humanistic perception of national security - a basic concept for security and defense training and education, Strategies for Policy in Science and Education, Bulgaria, 2021.
- Zegoicea, Andrei, Elitsa Petrova, Comparative Case Study Regarding Cadet's Motivation – Methodology Revista Academiei Fortelor Terestre, Scientific Journal Vol. XVIII, Nr. 3 (71) Trimestrul III - 2013, pp. 301-307, Publisher: "Nicolae Balcescu" Land Forces Academy, Sibiu, 2013, ISSN 2247-840X, ISSN-L 1582-6384, <http://www.armyacademy.ro/revista.php>.
- Petrova, Elitsa, A Review of the Expenditures on Defence of the Republic of Bulgaria for 2010-2015, Revista Academiei Fortelor Terestre, Scientific Journal, Nr. 4 (80)/2015, pp. 488-496, Publisher: "Nicolae Balcescu" Land Forces Academy, Sibiu, 2015, ISSN 2247-840X, ISSN-L 1582-6384, http://www.armyacademy.ro/reviste/rev4_2015/Petrova.pdf.



Erasmus Module
Management of security systems
Description

Vasil Levski National Military University

Doc.: ES/2021/09

Date: 21-09-2021

Origin: BG VELIKO02

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- Petrova, Elitsa, Nikolay Nichev, Preparation For Armed Forces Deployments, Processes and Methods of Financing of the Republic of Bulgaria, Przegląd Nauk o Obronnosci/Defence Science Review Scientific Journal, nr.1-2/2016, pp. 91-108, Publisher: Wojskowa Akademia Techniczna w Warszawie, Warszawa, 2016, ISSN 2450-6869, <http://pno.wlo.wat.edu.pl/czasopismo/pno-1-2-2016/5>
 - Petrova, Elitsa, Motivation for Education and Learners' Satisfaction with the Choice of Military Specialisation or Civilian Specialty, The 23rd International conference Knowledge-Based Organization 15-17 June 2017, Conference proceedings 2, Vol. XXIII No 2 2017, pp. 355-360, Publisher: "Nicolae Balcescu" Land Forces Academy, Sibiu, 2017, ISSN 1843-682X.
 - Petrova, Elitsa, Economic growth and investment activity as Basic Elements and Indicators of Economic Security and their relationship with national and international security, The 24 International conference Knowledge-Based Organization 15-17 June 2017, Conference proceedings 2, Vol. XXIV, 2018, pp. 76-81, Publisher: "Nicolae Balcescu" Land Forces Academy, Sibiu, 2018, ISSN 1843-682X, ISBN 978-973-153-327-8, <https://www.degruyter.com/downloadpdf/j/kbo.2018.24.issue-2/kbo-2018-0069/kbo-2018-0069.pdf>