

Study programme: Security studies			
Course title: Industrial security			
Lecturer: Mirjana Radovanović/Snežana Štrbac			
Course status: Elective			
ECTS: 6			
Requirement: /			
Course aims Acquiring knowledge from the field of industrial security. Introducing students with the significance of industrial security in the national security system, as well as connecting with other aspects of security (primarily technical, technical and environmental).			
Course outcomes Training students for successfully performing activities in the domain of industrial security in companies, institutions, or in the system of international relations.			
Course content <i>Theory classes</i> 1. Basic industrial safety settings 2. Defining industrial safety 3. Modern industrial technologies and sustainable development 4. Outdated industrial technologies and sustainable development 5. Basics of technological processes 6. The flow of matter 7. Energy flow 8. Defining industrial risks 9. Factors that impact on industrial safety 10. Qualitative measurement of industrial safety 11. Quantitative measurement of industrial safety 12. Data collection and analysis 13. Reporting for decision-making purposes 14. Case studies. <i>Practice classes</i> 1. Industrial safety in the world 2. Industrial safety risks - production, transportation and use of energy sources 3. Industrial safety risks - use of water 4. Industrial safety risks - use of raw materials 5. Industrial safety risks - use of hazardous substances 7. Handling dangerous materials 8. Fire protection 10. Safety at work 11. Monitoring and analysis of industrial safety levels 13. Defining objectives for the improvement of industrial safety 12. Implementation of activities for the improvement of industrial safety 13. Controls on the implementation of activities for the improvement of industrial safety 14. Factors affecting industrial safety in Serbia and the region 15. Case studies of good practice 16 Case Studies of bad practice.			
Literature 1. Radovanović (Golusin) Mirjana, Dodić Siniša, Popov Stevan: Sustainable Energy Management, 1st Edition, Elsevier – Oxford Academic press, 2013. 2. Bošković Milica (2010) Izazovi idnustrijskog društva, Fakultet bezbednosti, Beograd. 3. David L. Russel, ieter C. Arlow: Industrial Security: Managing Security in the 21st Century, Willey, 2015.			
Number of active teaching classes: 7		Theory classes: 4	Practice classes: 3
Teaching methods Teaching is conducted through theory and practice classes. Practice classes are auditory and practical, and they solve tasks from individual chapters, provide additional explanations and examples to elaborate specific areas of the lectures. During the realization of the course, the student is obliged to do the planned practices. Knowledge assessment takes place through two mid-term tests. The condition for the final exam is that the student passes both mid-term tests and successfully realizes practical classes. The final exam consists of an oral exam. Teaching will be modified and adjusted depending on the basic study previously completed by student.			
Knowledge assessment (max 100 points)			
Pre-exam tasks	Points	Final exam	Points
In-class activity		written exam	
Practice classes	10	oral exam	30
Mid-term tests	30		
Seminar papers	30		