

Study programme: Security studies			
Course title: Management of critical infrastructure			
Lecturer: Mirjana Radovanović			
Course status: Required			
ECTS: 6			
Requirement: None			
Course aims Acquiring knowledge in critical infrastructure management. Introducing students to the types and significance of critical infrastructures in the national security system.			
Course outcome Training students for successful performance of critical infrastructure management activities in companies, institutions, or in the system of international relations.			
Course content <i>Theory classes</i> 1. Basic critical infrastructure management 2. Defining critical infrastructure 3. Degree of vulnerability of critical infrastructures 4. Critical infrastructure protection policy 5. Critical Infrastructure protection measures 6. Risk classification 7. Risk analysis 8. Defining critical infrastructure protection objectives 9. Implementation of critical infrastructure protection 10. Control of critical infrastructure protection 11. Factors that influence the critical Infrastructure Infrastructure 12. Collection and analysis of critical infrastructure protection data 13. Reporting for decision-making 14. Case studies. <i>Practice classes</i> 1. Energy infrastructure 2. Traffic infrastructure 3. Military infrastructure 4. Communal infrastructure 5. Sports facilities 7. Planning of critical infrastructure protection 8. Levels of critical infrastructure protection 10. Basic sources of critical infrastructure vulnerability - human factor 11. Basic sources of critical infrastructure vulnerability - technical and technological incidents 13. Basic sources of critical infrastructure threats - natural disasters 12. Critical infrastructure in Serbia 13. Protection of critical infrastructures in Serbia 14. Case studies.			
Literature 1. Radovanović (Golusin) Mirjana, Dodić Siniša, Popov Stevan: Sustainable Energy Management, 1st Edition, Elsevier – Oxford Academic press, 2013. 2. Rakić Marko (2015) Krizni menadžment u funkciji zaštite kritičnih infrastrukture u zemljama u tranziciji, phd thesis, Univerzitet u Beogradu, Fakultet bezbednosti. 3. F. Flaminni: Critical Infrastructure Security: Assessment, Prevention, Detection, Response, WIT Press, 2012.			
Number of active teaching classes: 6		Theory classes: 3	Practice classes: 3
Teaching methods Teaching takes place through lectures and exercises. Exercises are auditory and practical, students solve tasks from individual chapters, provide additional explanations, and, for example, elaborate individual areas of theoretical instruction. During the course, the student is obliged to do the planned exercises. Knowledge testing takes place through two colloquiums. The condition for the final exam is that the student passes both colloquiums and successfully perform exercises. The final exam consists of an oral exam.			
Knowledge assessment (max 100 points)			
Pre-exam tasks		Points	Final exam
In-class activity		10	Written exam
Practice classes			Oral exam
Mid-term tests		
Seminar papers		40	
The above listed knowledge assessment means are just a few among different options (written exam, oral exam, project presentation, seminar papers etc)			
* Maximum one page A4 in length			