

Study programme: Applied Security			
Course title: Energy efficiency and security systems			
Lecturer: Mirjana Radovanović			
Course status: Required			
ECTS: 12			
Requirement: /			
Course aims			
The main objective of the course is to familiarize students with the place and role of energy efficiency in the system of national and international security.			
Course outcomes			
Theoretical and practical knowledge required for the analysis, implementation and control of energy efficiency within the overall national and international security.			
Course content			
<i>Theory classes</i> Defining basic concepts. Energy efficiency. The place and role of the energy sector in the national security system. International Energy Efficiency Regulations. Energy Efficiency Planning. Measuring the success of the realization and the new national energy security. Energy Efficiency as an International Competitive Factor.			
<i>Practice classes</i> Case study.			
Literature:			
1. Golušin M., Dodić S., Popov S. (2013), Sustainable Energy Management, 1st Edition, Elsevier –Academic press. Available: http://store.elsevier.com/product.jsp?isbn=9780124159785			
2. Yergin D. (2011), The Quest: Energy, Security, and the Remaking of the Modern World, Penguin Books.			
3. Grupa autora (2010), Racionalno korišćenje energije u funkciji razvoja lokalnih zajednica, Palgo centar, Beograd.			
Number of active teaching classes:	Theory classes: 4	Practice classes: /	
Teaching methods			
Theory classes, case studies.			
Knowledge assessment (max 100 points)			
Pre-exam tasks	Points	Final exam	Points
In-class activity	15	written exam	20
Practice classes		oral exam	40
Mid-term tests			
Seminar papers	25		
The above listed knowledge assessment means are just a few among different options (written exam, oral exam, project presentation, seminar papers etc)			