Study programme: Security studies

Course title: Informatics

Lecturer: Velimir Dedić

Course status: Reuquired

ECTS: 7

Requirement: None

Course aims

Acquiring basic necessary theoretical and practical knowledge on the application of information technologies.

Course outcme

Students will be able to define, understand and recognize basic technical terms related to the modern IT system. Students will be able to define, evaluate, and suggest the application of information generated by data processing. Students will be trained to properly categorize computers, software and networks. They will be able to identify the basic needs of an IT organization and propose ways to meet these needs.

Couse content

Theory classes

Introduction to computing and informatics, information, information measurement, data processing, generation and category of computers, input units, output units, microprocessors and busbars, memory, system software, application software, networks and telecommunications, digitization, Chenon's theorem, computer networks, types of network, networked, internet.

Practice classes

Passing terms from lectures, case studies, laboratory work with mastering standard word processing program and create presentations and collaborative work (Word, Excel, Google Drive).

Literature

1. Dedič, V. Informatika, scripts, 2016.
2. Turban: Uvod u informacione sisteme, Datastatus, 2009.
3. David Evans: Introduction to Comuting, University of Virginia, USA, 2011.

Number of active teaching classes: 4	**Theory classes:** 2	**Practice classes:** 2

Teaching methods

Lectures and laboratory exercises.

Knowledge assessment (max 100 points)

Pre-exam tasks	Points	**Final exam**	Points
In-class activity	10	Written exam	
Practice classes		Oral exam	30
Mid-term tests	60	.....	
Seminar papers			

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