Study Program: Informatics

Type and level of studies: Bachelor studies

Course name: eGovernment

Lecturer: Kontrec Z. Nataša

Status: elective

ECTS: 8

Attendance Prerequisites:

Course aims

Enabling students to apply eGovernment technologies, as well as to project and develop eGovernment services.

Course outcome

The students understand the functioning of eGovernment services, as well as the principles of eGovernment service projecting and implementation.

Course content

Theoretical part

Law regulations for the development of eGovernment services. Infrastructure and architecture of e-government system. Types of eGovernment services. E-Government planning and implementation phases. Communication channels, monitoring and responses to customer requests. Obstacles and barriers to the development of eGovernment. Protection in eGovernment systems. Identification documents. Technology, smart card. Application of biometric methods in recognition. PKI infrastructure, certification bodies, certificates, digital signatures. RF technology. Digital democracy. Types of e-democracy. Political Action on the Internet. Voting over the Internet. Virtual diplomacy. Mobile administration. E-Health as a segment of e-government. Overview of the development of e-business services in public administration in the world and in Serbia.

Practical part

Testing and analysis of existing software solutions in E-government domains. Work with digital certificates and certification bodies. Work with digital signature technologies and cryptographic methods. Working with RFID technology solutions. Testing and analysis of biometric identification methods. Use of the e-government portal of the Republic of Serbia. Development of eGovernment Services.

Literature

1. Ada Scupola, Developing Technologies in E-Services, Self-Services, and Mobile Communication: New Concepts, IGI Global 2011, ISBN-13: 978-1609606077
2. Стратегија развоја информационог друштва у Републици Србији до 2020. године

Number of active classes				Other classes
Lectures: 3	Practical classes: 3	Other forms of teaching:	Students' research work	

Teaching methods

Lectures, auditory practice, laboratory, term tests, consulting, homework, written exam.

Assessment (maximum 100 points)

Course assignments	**поена**	Final exam	*поена*
activity during lectures	**10**	written exam	**40**
practical classes	**10**	oral exam	
term test(s)	**10**		
seminar(s)	**30**		
Total	**60**		**40**