

Table 2

Course description

COURSE DESCRIPTION							
Course instructor	Ljubica Pilepić Stifanich, PhD, Associate Professor						
Name of the course	INFORMATION SYSTEMS SECURITY						
Study programme	Management of Sustainable Development						
Status of the course	elective						
Year of study	3rd						
ECTS credits and manner of instruction	ECTS credits	3 ECTS					
	Number of class hours (L+E+S)	30(15+0+15)					
1. Course objectives							
To enable students to understand IS security issues resulting from the dependence of business systems on communication and business contents. The course focuses on end users in a networked environment and deals with major threats, security risks, weaknesses and preventative measures, and IS protection.							
2. Course enrolment requirements							
3. Expected learning outcomes							
Students will be able to detect failures in IS security, propose measures for reinforcing individual segments of IS security systems, acquire basic informatics knowledge and skills required in working on the security of the Internet and networked systems, identify potential system weaknesses, research and analyse various types of attacks, use different methodologies to test security, prevent breaches of user privacy, and increase their level of ethics in Internet usage.							
4. Course content							
Potential causes of impaired IS security and security requirements, Cryptography, Security Mechanisms and Control Procedures, Organisational and Legal Methods of Protection, Social Aspect of Security, Malware and Anti-virus Software, Ethical Hacking, Internet Security, Risk Management, Data Backup, Document Protection, Online Protection, Social Media and Security, Deep and Dark Web.							
5. Manner of instruction	<input checked="" type="checkbox"/>	lectures	<input type="checkbox"/>	individual assignments			
	<input checked="" type="checkbox"/>	seminars and workshops	<input checked="" type="checkbox"/>	multimedia and network			
	<input type="checkbox"/>	exercises	<input type="checkbox"/>	laboratories			
	<input checked="" type="checkbox"/>	distance learning	<input checked="" type="checkbox"/>	mentorship			
	<input type="checkbox"/>	fieldwork	<input type="checkbox"/>	other			
6. Comments							
7. Student responsibilities							
Students are required to attend classes, present seminar papers, work in teams, and sit for preliminary and final exams							
8. Monitoring of student work¹							
Class attendance	1,2	Class participation		Seminar paper	0,4	Experimental work	

¹ IMPORTANT: Enter the appropriate proportion of ECTS credits for each activity so that the total number of credits equals the ECTS value of the course. Use empty fields for additional activities.

Written exam	0,5	Oral exam		Essay		Research	
Project		Continuous assessment	0,9	Report		Practical work	
Portfolio							

9. Assessment of learning outcomes in class and at the final exam (procedure and examples)

Assessment and evaluation of students in classes and at the final exam is conducted under the Rulebook on evaluation of students at the Faculty of tourism and hospitality management. For each course it is made a detailed course syllabus which coordinates activities, student load, learning outcomes and evaluation methods.

10. Mandatory literature (at the time of submission of study programme proposal)

Spremić, M., *Sigurnost i revizija informacijskih sustava u okruženju digitalne ekonomije*, Sveučilište u Zagrebu, Ekonomski fakultet, Zagreb, 2017.
 Krakar, Z. et al., *Korporativna informacijska sigurnost*, Sveučilište u Zagrebu, Fakultet organizacije i informatike, Varaždin, 2014.

11. Optional/additional literature (at the time of submission of the study programme proposal)

Harwood, M., *Internet Security: How to Defend Against Attackers on the Web*, Second Edition, Jones & Bartlett Learning, USA, 2016.
 Kim, D. & Solomon, M.G., *Fundamentals of Information Systems Security*, Second Edition, Jones & Bartlett Learning, USA, 2014.

12. Quality monitoring methods that ensure the acquisition of exit knowledge, skills and competences

The quality of the programme, teaching process, teaching skills and level of acquired course matter will be evaluated in writing, by means of extensive questionnaires and by employing other methods that are in accordance with the accepted standards and with the Book of regulations on the quality of the University of Rijeka, as well as the Book of regulations on the quality of the Faculty of tourism and hospitality management.