

### DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	<b>Information Systems Security</b>				
<b>Study programme</b>	<b>Professional undergraduate study Information Science</b>				
<b>Status of a course</b>	Obligatory				
<b>Year of study</b>	2	<b>Semester (Winter/Summer)</b>	W	<b>ECTS credits</b>	5
<b>Goals of a course</b>					
The aim of course is to acquire knowledge about aspects of information systems security and to develop awareness of the importance of information security in the enterprise.					
<b>Conditions for enrolling course</b>					
No conditions					
<b>Learning outcomes on a level of a study programme which includes course</b>					
Outcome 5: Apply website design and implementation methods. Outcome 6: Apply appropriate business information system protection techniques. Outcome 12: Apply engineering methods and principles in information science. Outcome 15: Independently present professional content in written and spoken form in Croatian and English.					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Describe the concepts of security, information systems security, information systems security management and privacy.</li> <li>2. Describe the legal and institutional aspects and different norms and standards in the field of information systems security.</li> <li>3. Assess the impact of the elements of integrity, confidentiality and accessibility on information in the information system</li> <li>4. Determine the impact of information systems security management on a company's business operations and business continuity</li> <li>5. Develop a company's security policy</li> <li>6. Identify internal and external threats and vulnerabilities of a company's information system</li> <li>7. Assess security risks in an information system</li> <li>8. Plan technical solutions for information systems protection</li> </ol>					
<b>Content of a course</b>					
Importance of information system for owner and user. Importance of information system security, concept of security, realisation of information system effectiveness, models of information system security. Approach to information system security project and organization: planning, standards, risk analysis, safety measures. Organizational, program, technical and physical safety measures by types and means. Data security during processing and storing. Other aspects of information system protection.					
<b>Teaching modes</b>	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> auditory exercises <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> distance learning <input type="checkbox"/> field classes		<input checked="" type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratory <input type="checkbox"/> supervisor's work <input type="checkbox"/> other _____		
<b>Grading, evaluation and monitoring of students' work continuously during lectures and exams</b>					
Grading is based upon evaluation course's learning outcomes' adoption. Grading is performed continuously during lectures and/or during exam, in compliance with the provisions of Regulation on the assessment of students.					