

## DESCRIPTION OF A STUDY COURSE – SYLLABUS

<b>Title of a course</b>	Information Systems				
<b>Head of course</b>	Marina Rauker Koch, Lecturer				
<b>Study programme</b>	Professional undergraduate study Entrepreneurship				
<b>Status of a course</b>	Elective				
<b>Year of study</b>	3.	<b>Semester</b>	V.	<b>ECTS credits</b>	3
<b>Teaching plan (L + E + S+ Pr)</b>	2+0+2+0				
<b>Goals of a course</b>					
Introduce students to the concept, content, role, use and selection of information systems in business systems.					
<b>Conditions for enrolling course</b>					
No conditions					
<b>Learning outcomes on a level of a study programme which includes course</b>					
<p>Outcome 2: Apply professional knowledge and skills in business operations and in upgrading an existing business entity or in establishing a new one.</p> <p>Outcome 11: Collaborate with the team in solving business tasks in Croatian or foreign language.</p> <p>Outcome 14: Apply basic environmental research methods.</p> <p>Outcome 15: Independently prepare and present professional content using information and communication tools.</p>					
<b>Expected learning outcomes on a level of a course</b>					
<ol style="list-style-type: none"> <li>1. Define the information system, methods and stages of its construction.</li> <li>2. Substantiate the benefits of using an information system in business operations.</li> <li>3. Compare types of information systems and their characteristics.</li> <li>4. Recognize and evaluate the benefits and limitations of introducing e-commerce in different business areas.</li> <li>5. Apply adequate web tools for a specific business situation.</li> </ol>					
<b>Content of a course</b>					
<p>Introduction into information systems. Information systems in business operations (their aim, resources, strategies, parts). Need for developing information system. Information system as a model of a business system. Managing information systems. Information system efficiency.</p> <p>Information system in particular areas of business. Presentation of particular subsystems. Developing information system in a business system. (Development approaches; development phases; problems of development).</p> <p>Information system computer support. Information system safety problems.</p> <p>Students prepare and present certain topics chosen from practice - from a magazine. Every presentation is marked.</p>					
<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>Comments</b>					
<b>Students' obligations</b>					
<b>Grading, evaluation and monitoring of students' work continuously during lectures and exams</b>					

Grading is based upon evaluation of 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.

#### Continuous check-up:

Outcomes	Pre-exam I	Practical tasks	Presentation results	Threshold	Max
Outcome 1	20%			10%	20%
Outcome 2		10%		5%	10%
Outcome 3		15%	5%	10%	20%
Outcome 4		15%	5%	10%	20%
Outcome 5		20%	10%	15%	30%
Percentage of ECTS	1,5	3	0,5		
Total	20%	60%	20%	50%	100%

A student has passed the exam if he has acquired a percentage of credits for each learning outcome higher or equal to defined threshold.

#### Exam term:

Outcomes	Written exam	Oral exam	Max
Outcome 1	20%		20%
Outcome 2	10%		10%
Outcome 3	10%	10%	20%
Outcome 4		20%	20%
Outcome 5	10%	20%	30%
Percentage of ECTS	2,5	2,5	
Total	50%	50%	100 %

A student has passed the exam if he has acquired a percentage of credits for each learning outcome higher or equal to defined threshold.

#### Grading:

A student has passed the exam if he has acquired at least 50% of anticipated credits of a specific learning outcome.

If a student has passed learning outcomes of all courses, the accomplished credits (percentages) of all passed learning outcomes are being added, while the final grade is defined upon following table:

Range of credits (percentages)	Numerical grade	ECTS grade
90,00 – 100,00	Excellent (5)	A
75,00 – 89,99	Very good (4)	B
60,00 – 74,99	Good (3)	C
50,00 – 59,99	Sufficient (2)	D
0,00 – 49,99	Insufficient (1)	F

#### Obligatory literature

1. Pavlić, M.: Informacijski sustavi, Odjel za informatiku Sveučilišta u Rijeci, 2009;

#### Additional literature

1. Bošnjak, I.: Inteligentni transportni sustavi - ITS 1, Zagreb: Fakultet prometnih znanosti Sveučilišta, 2006.



