

DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Internet Technologies and E-business operations				
Head of course	MSc Jasminka Tomljanović, Senior Lecturer				
Study programme	Specialist professional graduate study of Information Technology in Business Systems				
Status of a course	Obligatory				
Year of study	2.	Semester	III	ECTS credits	4
Teaching plan (L + E + S+ Pr)	2+0+1+0				
Goals of a course					
Promoting student and teacher collaboration in a team environment during the development of two project assignments including research of required literature on the Internet, analyzing existing solutions, identifying project-related requirements and needs, planning and time management, analyzing and evaluating completed projects.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
<p>Outcome 8: Apply methods and techniques for managing security and data protection in information and communication systems.</p> <p>Outcome 12: Analyse and implement Internet technologies and e-business in the business information system.</p> <p>Outcome 15: Analyse and recommend the use of IT tools within a business organization.</p> <p>Outcome 16: Assess the place and role of ICT in the context of organization, management and business processes.</p> <p>Outcome 17: Present ICT solutions in a business organization.</p>					
Expected learning outcomes on a level of a course					
<ol style="list-style-type: none"> 1. Build a website to display the selected Internet technology 2. Present the impact of the selected Internet technology on e-Commerce 3. Rate the websites of other colleagues on the basis of default criteria 4. Develop e-Commerce using processed Internet technologies 5. Planning and time management 					
Content of a course					
<p>Introductory review of traditional and electronic business operations. Digital society and digital economy. Elements of electronic business. Development of Internet and Internet services. E-business and e-commerce. E-commerce environment. E-commerce market. Business models of e-commerce. Infrastructure of e-business operations. Managing e-business operations infrastructure. Electronic data exchange. Strategy of e-business and ERP (Enterprise resource planning). Information systems development in a communication environment. Managing e-business organizations. Models of e-business. Brokerage (commission) models. Advertising models. Information intermediary models. Commercial models. Production models. Collaborators models. Models of virtual communities. Subscribers' models. Auxiliary services models. CRM, SCM and electronic environment (managing supply chain). Methods of payment: electronic payment, electronic cash. Smart card. Methods and digital commerce canned software. Security of e-business. Electronic management. Business enterprise on the Internet.</p>					
Teaching modes	<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 _____		
Comments					

Students' obligations

1 project assignment (individual), 2 project assignments (team), project analysis and evaluation

Grading, evaluation and monitoring of students' work continuously during lectures and exams

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	First project	Second project	Project analysis	Threshold	Max
Outcome 1	20%			10%	20%
Outcome 2	20%			10%	20%
Outcome 3	5%	5%	10%	10%	20%
Outcome 4		20%		10%	20%
Outcome 5		20%		10%	20%
Percentage of ECTS	1,5%	1,5%	1%		
Total	45%	45%	10%	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	10%	10%	20%
Outcome 2	10%	10%	20%
Outcome 3	10%	10%	20%
Outcome 4	10%	10%	20%
Outcome 5	10%	10%	20%
Percentage of ECTS	2	2	
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. Internet

Additional literature

