NAME OF THE COURSE	Information Systems					
Code	ECM201	Year of study	3			
Course teacher	Full professor Mario Jadrić, PhD Assistant professor Tea Mijač	Credits (ECTS)	4			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
			26		13	
Status of the course	Compulsory	Percentage of application of e-learning	30%			

COURSE DESCRIPTION

Course objectives	Identify the concepts, approaches, methods and techniques needed to effectively use business information systems. Develop students' ability to work in the specific business information systems.
Course enrolment requirements and entry competences required for the course	There are no prerequisites for enrollment.
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Based on the theoretical knowledge and practical skills analyze the state and development of business information systems. 1. Define a system approach in the context of information systems. 2. Identify the importance of information systems and its subsystems in the business environment. 3. Differentiate the business decision support systems and e-business systems. 4. Identify the fundamental principles, methods and techniques for designing and modeling information systems. 5. Apply the basic functionalities of specific IT-supported business information system through business cases in production, sales and finance.

Course content broken down in detail by weekly class schedule (syllabus)

Lectures		Exercises	
Topic	Hours	Topic	Hours
Introduction. Information and society. Information as a resource.	2	**Assignment.** . Introduction to Microsoft Dynamics NAV	1
Contemporary business conditions and information systems.	2		
Classification of systems. General systems theory. Cybernetics.	2	**Assignment.** Working with Microsoft Dynamics NAV. User Interface. User	2
System analysis. Business organization as a system	2		
Models of information systems.	2	**Assignment.** . Working with Microsoft Dynamics NAV. Use General Functions.	2
Business information systems from a functional perspective.	2		

	Office information systems and document management systems.	2	**Assignment.** Work with G/L Accounts. Master Data for the Sales and Purchase Process.	2
	Test			
	Concept and types of decision support systems. Expert Systems.	2	**Assignment.** Working with Microsoft Dynamics NAV. Manage Items. Process Purchases.	2
	Business Intelligence. Data mining.	2		
	Principles and problems of information system design.	2	**Assignment.** Working with Microsoft Dynamics NAV. Process Purchases.	2
	Methods of information system design.	2		
	Concept and types of e-business. Team presentation of the final assignment.	2	**Assignment** Reporting and analysis based on different modules in Microsoft Dynamics NAV.	2
	Technological infrastructure of e-business. Team presentation of the final assignment.	2		
	Test		Practical test	

Format of instruction	x lectures ☐ seminars and workshops X exercises ☐ *on line* in entirety ☐ partial e-learning ☐ field work	x independent assignments ☐ multimedia ☐ laboratory ☐ work with mentor x teamwork assignment (other)
Student responsibilities	The course work can be described as a method of continuous student progress evaluation since a model of accumulation of points has been formulated which enables the student to collect points through various activities. The goal is that every student collects sufficient number of points corresponding to a grade during the semester. In this model, a low result in one activity can be compensated by points in other activities and enabling students to decide how to allocate their efforts. Requirements for the exam are completed all assignments and final assignment, as well as participating in at least 50% of all class meetings (25% for the part-time students).	

Screening student work *(name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)*	Class attendance	1,3 ECTS	Research		Practical training	
	Experimental work		Report		Teamwork assignment (Other)	0,5 ECTS
	Essay		Seminar essay		Final assignment (Other)	0,6 ECTS
	Tests	1,6 ECTS	Oral exam		(Other)	
	Written exam		Project		(Other)	
Grading and evaluating student	Requirements for the exam exemption: a total of 71 points achieved overall based					

<table>
<tr><td>work in class and at the final exam</td><td colspan="3">on the tests, assignments, and homework during the semester. Through additional engagement and active participation (for example by submitting critical review of the book chapters and coursework), the student can get up to 10 bonus points. In the case of exam exemption, the score is based on the total number of points where every five points give a higher grade. Up to 10 points can be achieved in the oral part of the exam.
Threshold and related grades:
0-70 insufficient (1)
71-75 sufficient (2)
76-80 good (3)
81-85 very good (4)
86-100 excellent (5)
If a student does not have enough points from the assessment activities during the semester, he or she is required to take the exam. The final exam is organized in a written and oral way. The questions in the written part of exam are of the essay-type. The oral part of the exam is mandatory.</td></tr>
<tr><td rowspan="9">Required literature (available in the library and via other media)</td><td>Title</td><td>Number of copies in the library</td><td>Availability via other media</td></tr>
<tr><td>Željko Garača: Poslovni informacijski sustavi, Ekonomski fakultet Split, Split, 2008.</td><td>11</td><td></td></tr>
<tr><td>Introduction to Microsoft Dynamics™ NAV, Microsoft Official Training Materials for Microsoft Dynamics ™, for NAV2016.</td><td></td><td>Moodle</td></tr>
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<tr><td>Optional literature (at the time of submission of study programme proposal)</td><td colspan="3">Books (selected chapters):
• Laudon, Kenneth C., Laudon, Jane P.: Management information systems: managing the digital firm, Sixteenth edition, New York, NY: Pearson, 2020.
• Jadrić, M. i Ćukušić, M., "IT sigurnost", Srce, Zagreb, 2015.

Other sources:
Online tečaj "IT sigurnost" (Jadrić, M. i Ćukušić, M., 2015).
http://www.srce.unizg.hr/vijesti/tecaj-it-sigurnost-od-sada-i-u-online-obliku/objav2016-10-24</td></tr>
<tr><td>Quality assurance methods that ensure the acquisition of exit competences</td><td colspan="3">• Monitoring attendance and performance of other student obligations (teacher)
• Teaching Supervision (Vicedean for Teaching)
• Analysis of the success of studies in all subject studies (Vicedean for Teaching)
• Student Survey on the Quality of Teachers and Teaching for Each Subject Study (UNIST, Center for Quality Improvement)
• The exam conducted by the subject teacher examines all learning outcomes of the subject. Periodic examination of the content of the exam is conducted on the basis of which the appropriateness of the method of checking the learning outcomes (Vicedean for Teaching)</td></tr>
<tr><td>Other (as the proposer wishes to add)</td><td colspan="3"></td></tr>
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