



UNIVERSITY “ISA BOLETINI” OF MITROVICA

ECONOMIC FACULTY

Course syllabus (Syllabus)		
The faculty:	Economic Faculty	
Programs / Departments:	Business and Management	
Specialization:	Banking, Finance and Accounting	
Levels:	Bachelor	
Course code:		
Subject:	Information and Technology Management	
Course status:	Elective	
Semesters:	II	
Hour fund:	1 + 2	
ECTS:	4	
Hours / Room		
Academic year:	2021-2022	
Teacher:	Prof. ass. dr. Ylber Januzaj	
Assistant:	Ass. Besart Hajrizi, PhD (C)	
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CONTENT	The application of technology in all areas has influenced to have a rapid development. This development has also been observed in the field of business, as the interconnection of different systems has influenced businesses to have easier development and communication with the outside world. This communication has accelerated in a very short time affecting businesses to be available to consumers almost all the time.
PURPOSE	<p>The main objectives of the course are:</p> <ol style="list-style-type: none"> 1. For economics students to gain knowledge about exchanging information in various formats. 2. For students to be able to transform data from one format to another. 3. For students to gain knowledge about data communication technologies. 4. For students to gain knowledge about business rules from the aspect of technology. <p>For students to gain knowledge about the architecture of computer systems and applications in business.</p>

AVAILABILITY	<p>Upon completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understand information systems in order to then focus on managing information system design. 2. Determine the needs of business entities for systems development. 3. Determine the benefits of doing business from using technology platforms. 4. Identify the information needs of managers and propose their solution by providing support from the management information system technology. 5. Use the new knowledge to supplement the knowledge gained during previous studies in other subjects. 	
PROGRAM	Weeks	Themes
	Java - I	The role of information technology and information systems in business processes and management.
	Java - II	Information characteristics, management needs for information.
	Java - III	Concept and definition of Management Information System.
	Java - IV	Management information system structure.
	Java - V	Management information system at the operational, tactical and strategic level.
	Java - VI	Management information system and levels of management. Types of management information system.
	Java - VII	<i>The first colloquium</i>
	Java - VIII	Decision Support System (DSS), Components of the Decision Support System. Decision support system tools.
	Java - IX	What-if analysis method. Tools: Goal Seek, Solver, Scenario Manager.
	Java - X	Group Decision Support System (GDSS). Types of Group Decision Support System.
	Java - XI	Executive Support System (EIS). Definition, Structure and components of the Executive Support System.
	Java - XII	Expert system. Expert system components.
	Java - XIII	Difference and similarity between SIM, DSS, GDSS, EIS and ES.
	Java - XIV	Veglat CASE. Artificial intelligence.
	<u>Java - XV</u>	<i>The second colloquium</i>
LITERATURE	<p>Basic literature:</p> <ul style="list-style-type: none"> • Mariusz Grabowski, Piotr Soja, Management Information System, 2014. • Pranatti Pattanaik, Swetalina Das, Management Information System. <p>Supplementary literature:</p> <ul style="list-style-type: none"> • Laudon, K., C., Laudon, J., P., (2012). Management Information Systems (Twelfth Edition). 	

TEACHER METHODOLOGY	The methodology used in teaching and learning will be that of best practices: interactive lectures, discussions, course assignments, independent projects, exercises, consultations and group research. Learning will take place through lectures, practical assignments, individual and group interpretations, periodic self-assessments, etc. All these will be realized in theoretical and practical aspects by presenting the materials in audio-visual form through the computer, projector and on the board. Within this semester are foreseen 15 Weeks with 2 hours of lectures and 2 exercises (seminars and discussions), as well as two colloquia which are held within the 15 planned lectures (weeks 7 and 15). Random studies and homework are given after each lecture for students in order for students to study and research at the time of their own studies. The results from such activities are presented and discussed in the following week. Students are encouraged to follow current economic developments by reading articles, computer magazines and other relevant materials. They can identify the next issues / topics for discussion from such readings.																																																
	<table><tr><th colspan="4">Contribution to student workload (which should correspond to student learning outcomes - 1 ECTS credit = 25 hours)</th></tr><tr><th>activity</th><th>hour</th><th>Days / weeks</th><th>in total</th></tr><tr><td>Lectures</td><td>1</td><td>15</td><td>15</td></tr><tr><td>exercise</td><td>2</td><td>15</td><td>30</td></tr><tr><td>Consultations with the teacher / assistant</td><td>1</td><td>15</td><td>15</td></tr><tr><td>Colloquia / seminars</td><td>2</td><td>2</td><td>4</td></tr><tr><td>Independent tasks</td><td>1</td><td>4</td><td>4</td></tr><tr><td>Student's own study time (in the library or at home)</td><td>1</td><td>15</td><td>15</td></tr><tr><td>Final preparation for the exam</td><td>2</td><td>7</td><td>14</td></tr><tr><td>Time spent on assessment (tests, quizzes, final exam)</td><td>2</td><td>2</td><td>4</td></tr><tr><td>Projects, presentations, etc.</td><td>2</td><td>2</td><td>4</td></tr><tr><td>TOTAL</td><td></td><td></td><td>105 hours = 4 ECTS</td></tr></table>	Contribution to student workload (which should correspond to student learning outcomes - 1 ECTS credit = 25 hours)				activity	hour	Days / weeks	in total	Lectures	1	15	15	exercise	2	15	30	Consultations with the teacher / assistant	1	15	15	Colloquia / seminars	2	2	4	Independent tasks	1	4	4	Student's own study time (in the library or at home)	1	15	15	Final preparation for the exam	2	7	14	Time spent on assessment (tests, quizzes, final exam)	2	2	4	Projects, presentations, etc.	2	2	4	TOTAL			105 hours = 4 ECTS
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ASSESSMENT	<p>Evaluation methods</p> <p>Rating in %</p> <p>Test-I, written 40%</p> <p>Test II - in writing 40%</p> <p>Participation in lectures and exercises 10%</p> <p>Seminar papers 10 %</p> <p>Written exam 100%</p> <p>Grade scales :</p> <p>50-less - grade 5 (five)</p> <p>51-60% - grade 6 (six)</p> <p>61-70% - grade 7 (seven)</p> <p>71-80% - grade 8 (eight)</p> <p>81-90% - grade (nine)</p> <p>91-100% - grade (ten)</p>																																																

ACADEMIC POLICES	Students are expected to attend lectures regularly. They are also expected to be active in lectures, seminars and individual and group discussions. The professor is available for individual consultation. Students are required to read literature before each lecture. The student is obliged to attend lectures and exercises. Plagiarism and copying in exams are punishable under the university's statute and other regulations. The code of conduct applies to both students and teachers.
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Mitrovica

9/ 1/2022

Course provider:

Prof. ass. dr. Ylber Januzaj

(Name Surname)

(Signature)