

<b>Basic data of the subject</b>	
<b>University:</b>	<b>University of Applied Sciences in Ferizaj</b>
<b>Academic unit:</b>	<b>Faculty of Engineering and Informatics</b>
<b>Program:</b>	<b>Applied Informatics</b>
<b>Title of the subject:</b>	<b>Application of IT in Business</b>
<b>Level:</b>	<b>Bachelor</b>
<b>Course Status:</b>	<b>Obligatory</b>
<b>Year of studies:</b>	<b>II, Semester IV</b>
<b>Number of hours per week:</b>	<b>3</b>
<b>Value of Credits - ECTS:</b>	<b>5</b>
<b>Time / location:</b>	
<b>Course lecturer:</b>	
<b>Contact details:</b>	<a href="#">_____</a>
<b>Course Description:</b>	<p><i>This course will introduce students how Informatics has brought a whole new world of doing business, using innovative information technology for management and organization. The aim of the course is to equip students with comprehensive knowledge on information technology, necessary for a successful digital transformation of the business as well as to prepare them for a thriving career as part of an organization/company. During the semester students will be familiar with the Management Information System (MIS), the different types of them and their uses. The course combines business knowledge, management, information technology and concepts from computer science.</i></p>
<b>Objectives of the course:</b>	<p><i>The aim of the course is to equip students with knowledge and skills to understand the role and importance of informatics in business, the great opportunities that Informatics offers in increasing on business success and efficiency, and in enhancing the competitiveness. Business Informatics intended to equip students with the necessary knowledge in Informatics and their application to business activities, in particular to acquaint students with Management Information System (MIS), the structure and components of MIS, the different types and their use. Conceptual design, implementation, evaluation and maintenance of systems. The role of MIS in decision-making. Identify MIS problems and failures and strategies to prevent them. Digitalization of economy and businesses. Business intelligence. Electronic commerce and e-business, electronic government, etc.</i></p>
<b>Expected learning outcomes:</b>	<p><i>After completing this course, student will be able to:</i></p> <ul style="list-style-type: none"> <li><i>• To understand the Informatics' impact on the economy and business;</i></li> <li><i>• To understand the role and importance of information in decision- making, using Information Technology;</i></li> </ul>

	<ul style="list-style-type: none"> <li>• To know the Information Systems used nowadays by business companies; structure and components (Information and Communication Technology, Human resources and procedures);</li> <li>• To gain general knowledge about Hardware and Software; Databases, Networking and telecommunications technology, and Internet.</li> <li>• To understand the organization and use of MIS in order to make effective decisions, respectively to solve business or organization problems using MIS.</li> </ul>		
<b>Prerequisites:</b>	Basic knowledge in the field of business and information technology		
<b>Contribution to the student load (which must correspond with learning outcomes)</b>			
<b>Activity</b>	<b>Hour</b>	<b>Day/Week</b>	<b>In total</b>
Lectures with numerical exercises	3	15	45
Internship			
Contacts with teacher / consultations			
Field exercises			
Midterm, seminars and projects.	3	2	6
Homework			
Self-learning time student (at the library or at home)	3	15	45
Final preparation for the exam	7	2	14
Time spent on evaluation (tests, quiz and final exam)			
Projects and presentations.	3	5	15
<b>Total</b>			<b>125</b>
<b>Teaching methodology:</b>	<p>Classroom lectures and discussions as well as practical exercise with computer, combined with the review and discussion of a case study;</p> <p>Activities and researches in group, research projects in terrene and presentations;</p> <p>The projector will be used to projecting lectures prepared in Power Point, whereas practical actions will be realized with the application of concrete materials such as computer, printer, scanner, and Internet</p>		
<b>Assessment methods:</b>	<p>The student can choose to be assessed one of the two forms of assessment, given below:</p> <p>1. Form 1: Evaluation with colloquiums and project</p> <p>2. Form 2: Evaluation with the final exam.</p> <p><b>Form 1:</b></p>		

	<p><i>In the first form of assessment "Assessment with colloquiums and project" the student is assessed in four activities that are carried out during the lectures:</i></p> <ol style="list-style-type: none"> <li><i>1. Colloquium 1 (35%), individual assessment</i></li> <li><i>2. Colloquium 2 (35%), individual assessment</i></li> <li><i>3. Class activity (10%), individual assessment</i></li> <li><i>4. Project (20%), group assessment.</i></li> </ol> <p><i>If the student is not satisfied with the assessment achieved according to form 1, then he can undergo the assessment according to form 2 to obtain a higher assessment.</i></p> <p><b>Form 2:</b>  <i>Through the final exam, the student can achieve a maximum of 70% of the points from the total of 100 points.</i></p> <p><i>The rest of the 20% points must be completed by group work in the Project, an activity carried out during the lectures.</i></p> <p><i>In Colloquium 1, Colloquium 2 and the final exam, the evaluation of the students will be done through an evaluation form, which must be completed individually by the student. The evaluation form will contain 5 tasks through which the student's learning outcomes will be evaluated.</i></p> <p><i>Activity in the class means the student's engagement in dealing with the issues discussed in the class, during the lectures.</i></p> <p><i>Project (20%), group assessment: it is an activity in which students apply the acquired knowledge in a concrete project. It is carried out in groups of 3 or 4 students who are obliged to carry out the activity, document and present it to the subject professor.</i></p> <p><b>Rating:</b></p> <p><i>91-100 points – graded 10 (ten)</i>  <i>81-90 points – graded 9 (nine)</i>  <i>71-80 points – grade 8 (eight)</i>  <i>61-70 points – grade 7 (seven)</i>  <i>51-60 points – grade 6 (six)</i>  <i>0-50 points – The student repeats the exam</i></p>
<b>The ratio of theory and practice:</b>	Theory: 80%; Practice: 20%
<b>Literature</b>	
<b>Basic Literature:</b>	<ol style="list-style-type: none"> <li><i>1. Kenneth C. Laudon &amp; Jane P. Laudon, "Management Information Systems: Managing the Digital Firm" 13th (2014) Edition, 2014</i></li> </ol>

	2. Elizabeth Hardcastle; <i>BUSINESS INFORMATION SYSTEMS</i> ; Liber falas online.
<b>Additional Literature:</b>	1. Haag & Cummings & Philips :” <i>Managment Information Systems for the Information Age</i> ”, McGrow Hill, 2007
<b>Designed learning plan</b>	
<b>Week:</b>	<b>Lectures and exercises to be held</b>
<b>Week one:</b>	<i>Objective of the course - Syllabus;</i>
<b>Week two:</b>	<i>Introduction to business informatics; How Informatics is transforming the business world and the way of decision-making; Trends that impacted the business world: the emergence of cloud computing, the Mobile Digital Platform, Big Data, and social networks.</i>
<b>Week three:</b>	<i>Information system definition; Introduction to Management Information System; What's new in MIS that have changed the way of doing business and the management of business firms.</i>
<b>Week four:</b>	<i>Data and information; Structure and Components of MIS, General ICT Concepts and people. Strategic business objectives achieved using information systems.</i>
<b>Week five:</b>	<i>Human resources and procedures</i>
<b>Week six:</b>	<i>Test 1</i>
<b>Week seven:</b>	<i>Hardware and Software</i>
<b>Week eight:</b>	<i>Databases</i>
<b>Week nine:</b>	<i>Networking and telecommunications technology Internet</i>
<b>Week ten:</b>	<i>Types of information systems and their conceptual design.</i>
<b>Week eleven:</b>	<i>Implementation, evaluation, and maintenance of Information Systems</i>
<b>Week twelve:</b>	<i>Business intelligence. Electronic commerce and e-business, e-government.</i>
<b>Week thirteen:</b>	<i>Test 2</i>
<b>Week fourteen:</b>	<i>Study visits to a company</i>
<b>Week fifteen:</b>	<i>Presentation of projects.</i>
<b>Academic policies and rules of conduct</b>	
<i>Regular attendance of lectures and exercises is necessary, as well as active participation with discussion and solution of tasks. Not impeding the progress required for learning using mobile phones turned off or in silent mode.</i>	