Basic data of the subject	
Academic unit:	**Faculty of Engineering and Informatics** **Applied Informatics**
Title of the subject:	**Application of IT in Business**
Level:	**Bachelor**
Course Status:	**Obligatory**
Year of studies:	**II**
Number of hours per week:	**3**
Value of Credits - ECTS:	**5**
Time / location:	
Course lecturer:	**Prof.Ass.Dr.Fakije Zejnullahu**
Contact details:	Fakije.zejnullahu@ushaf.net
Course Description:	*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.*
Objectives of the course:	*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.*
Expected learning outcomes:	*After completing this course, student will be able to:* • *To understand the Informatics' impact on the economy and business;* • *To understand the role and importance of information*

in decision- making, using Information Technology;
- *To know the Information Systems used nowadays by business companies; structure and components (Information and Communication Technology, Human resources and procedures);*
- *To gain general knowledge about Hardware and Software; Databases, Networking and telecommunications technology, and Internet.*
- *To understand the organization and use of MIS in order to make effective decisions, respectively to solve business or organization problems using MIS.*

Contribution to the student load (which must correspond with learning outcomes)

Activity	Hour	Day/Week	In total
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
Total			**125**

Teaching methodology:	*Classroom lectures and discussions as well as practical exercise with computer, combined with the review and discussion of a case study;* *Activities and researches in group, research projects in terrene and presentations;* *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*
Assessment methods:	*Test 1:30%* *Test 2: 30%* *Case Study: 40%* *Total: 100%*
The ratio of theory and practice:	Theory: 80%; Practice: 20%
Literature	
Basic Literature:	*1. Kenneth C. Laudon & Jane P. Laudon, "Management*

	Information Systems: Managing the Digital Firm" 13th (2014) Edition, 2014
	2. *Elizabeth Hardcastle; BUSINESS INFORMATION SYSTEMS; Liber falas online.*
Additional Literature:	1. *Haag & Cummings & Philips :" Managment Information Systems for the Information Age", McGrow Hill, 2007*

Designed learning plan	
Week:	**Lectures and exercises to be held**
Week one:	*Objective of the course - Syllabus;*
Week two:	*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.*
Week three:	*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.*
Week four:	*Data and information;* *Structure and Components of MIS, General ICT Concepts and people.* *Strategic business objectives achieved using information systems.*
Week five:	*Human resources and procedures*
Week six:	*Test 1*
Week seven:	*Hardware and Software*
Week eight:	*Databases*
Week nine:	*Networking and telecommunications technology* *Internet*
Week ten:	*Types of information systems and their conceptual design.*
Week eleven:	*Implementation, evaluation, and maintenance of Information Systems*
Week twelve:	*Business intelligence. Electronic commerce and e-business, e-government.*
Week thirteen:	*Test 2*
Week fourteen:	*Study visits to a company*
Week fifteen:	*Presentation of projects.*

Academic policies and rules of conduct

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.