

Basic data of the subject			
Academic Unit:	Faculty of Management		
Subject title:	Database		
Study level:	Bachelor		
Subject status:	Compulsory		
Years of study:	III		
Number of hours per week:	4		
Value of credits - ECTS:	5		
Lecturer of the subject:	Prof.As.Dr.Bashkim Qerkini		
Contact details:	Bashkim.qerkini@ushaf.net		
Subject description:			
		It will start from entry into Databases, then explain the fundamental concepts of the database and its design. Data modeling through E-R (Entirety relation-sheep) will provide knowledge and skills for the Database as well as the levels of their normalization. This course will also provide knowledge of data model transformation in database design. Explanation of this course will be done using familiar computer tools for working with Database such as MS Access, SQL (Structured Query Language), etc.	
Purpose of subject:			
		The purpose of this course is to train students in the field of designing, managing and implementing databases in different forms and environments. It Also aims at raising knowledge and skills in designing and modeling data and using appropriate tools, MS Access 2007, Structured Query Language (SQL) and the use of MS SQL Server 2005/2008 Database Management System for database management.	
Expected learning outcomes:			
		After the successful completion of this course the student will be able to:	
		<ul style="list-style-type: none"> • To have knowledge of the databases; • Do designing databases; • Easily use MS Access; • Be able to modify existing data bases in MS Access. 	
Contribution to student workload (which should correspond to the students learning outcomes)			
Activity	Hours	Days/week	Total
Lectures	2	15	30
Theoretical / laboratory exercises	2	15	30
Practical work	2	2	4
Contacts to the Lecturer / Consultations			

Field exercises			
Tests, student seminars	2	4	8
Home work	2	2	4
Time of self-study (in the library or home)	2	15	30
Final preparation for the exam	3	5	15
Time spent in assessment (tests, quiz, final exam)			
Projects, presentations, etc.	2	2	4
Total			126
Teaching methodology:	Lectures, individual work, work with seminar papers for every week, discussions, team work.		
Assessment methods:	Following on lectures and activity: 10% Project assignment: 50% Final exam: 40% Total: 100%		
Literature			
Basic literature:	➤ Avni Rexhepi - Microsoft Access, Prishtinë, 2003		
Additional literature:	➤ Agni Dika. Microsoft Access, Prishtinë, 2006		
Designed plan of teaching:			
Weeks	Lecture to be held		
<i>Week 1:</i>	Introduction to databases		
<i>Week 2:</i>	Relational basics and design of databases		
<i>Week 3:</i>	Normalization of the database		
<i>Week 4:</i>	MS Access, notification with the main window and objects		
<i>Week 5:</i>	Tables - Types and features of the fields		
<i>Week 6:</i>	Tables - Connections and data manipulation		
<i>Week 7:</i>	The first Test		
<i>Week 8:</i>	Queries - creation and types. Parametric questionnaires		
<i>Week 9:</i>	Format (Forms). Format with subformats		
<i>Week 10:</i>	Reports. Related		
<i>Week 11:</i>	Macros. Modules		
<i>Week 12:</i>	MS SQL Server 2008		
<i>Week 13:</i>	Database Administration		
<i>Week 14:</i>	The II Test		
<i>Week 15:</i>	Summary of the subject. Exam preparation		
Academic Policies and Rules of Conduct:			
<i>Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.</i>			