COURSE INFORMATON					
Course Title	*Code*	*Semester*	*L+P+L Hour*	*Credits*	*ECTS*
Term Project	CIS 599		0 + 0 + 0	NC	10

Prerequisites	-

Language of Instruction	English
Course Level	Master's Degree
Course Type	Core
Course Coordinator	
Instructors	
Assistants	
Goals	Introduce students to research methods, literature search, reporting, written and oral scientific presentation and create opportunity for programming, software development or cooperation with the sector as far as possible.
Content	Detailed analysis, design and realization of a special project that is available for applied sciences, presentation of the results in the form of project report, seminar and demonstration; under surveillance of a faculty advisor.

Learning Outcomes	**Programme Learning Outcomes**	**Teaching Methods**	**Assessment Methods**
1) Knows about the literature	1,2,3,4,5,6,7,8,9,10	2,5	A,B,D
2) Knows about literature search	1,2,3,4,5,6,7,8,9,10	2,5	A,B,D
3) Knows research methods	1,2,3,4,5,6,7,8,9,10	1,2,3,4	A,B,D
4) Knows how to prepare scientific documents	1,2,3,4,5,6,7,8,9,10	3,4	A,C,D
5) Knows how to present a scientific discussion	1,2,3,4,5,6,7,8,9,10	3,4	A,B,D
6)Develops capability of oral and written expression.	1,2,3,4,5,6,7,8,9,10	1,2	A,B,C,D
7) Develops capability to collaborate with the sector.	1,2,3,4,5,6,7,8,9,10	2,3,4	D

Teaching Methods:	1:Question-Answer, 2: Discussion, 3: Application 4: Case Study 5:Literature search
Assessment Methods:	A: Written report, B: Oral Presentation C: Use of Scientific English. D: Project

COURSE CONTENT		
Week	**Topics**	**Study Materials**
1	Literature Search	
2	Literature Summary	
3	Formulation of Research Problem and Tentative Work Plan	
4	Organizing Introduction part of the thesis	
5	Research	
6	Development	
7	PRESENTATION OF PRELIMINARY RESULTS AND FINALIZATION OF PROBLEM AND WORK PLAN	
8	Additional Research	
9	Additional Development	
10	Integration of results	
11	Preparation of software or administrative solution	
12	Preliminary Report and its Turnitin check	
13	Preparation of Final Report and Presentation	
14	WRITTEN THESIS AND ORAL PRESENTATION	
15		

RECOMMENDED SOURCES	
Textbook	Depends on the topic chosen
Additional Resources	Depends on the topic chosen

MATERIAL SHARING	
Documents	Depends on the topic chosen
Assignments	Depends on the topic chosen
Exams	Former theses

ASSESSMENT		
IN-TERM STUDIES	**NUMBER**	**PERCENTAGE**
Attendence	1	25
Preliminary Presentation	1	50
Assignment	1	25
Total		**100**
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		70
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		30
Total		**100**

COURSE CATEGORY	Expertise/Field Courses

COURSE'S CONTRIBUTION TO PROGRAM							
No	Program Learning Outcomes	Contribution					
		1	2	3	4	5	
1	Students have the knowledge and the skills to design and develop the complete systems for multi-media visual user interface.	X					
2	Students have advanced the knowledge and skills to design, develop and install the application systems for multimedia.						
3	Students have the knowledge and the skills to design, develop and apply algorithms and data structures to solve the basic problems of information processing, within the framework of discrete mathematics.					X	
4	Students have the knowledge and the skills to design and develop computer applications, based on user specified requirements, using modern structured development tools and install them on various hardware platforms and deploy their usage.					X	
5	Students have the knowledge and the skills to design and develop computer applications, based on user specified requirements, using modern object-oriented development tools and install them on various hardware platforms and deploy their usage.	X					
6	Students know the logic of computer operating systems, the basic set of system commands, how to control access to system resources by users of different departments and how to monitor the running of jobs in the system.					X	

7	Students have the knowledge and the skills to design and develop data models serving different requirements, database applications that would access and process data using various types of software, including queries, reports and business applications.	X
8	Students have the knowledge and the skills to design and develop business applications that would provide data access, modification and processing for data kept in enterprise database systems.	X
9	Students have the knowledge about computer networks, and have the skills to design, develop and monitor computer networks, how to configure them and how to maintain their performance.	
10	Students have the knowledge and the skills to design and develop visual user interfaces for the web, web-based applications for n-tier client/server configurations, how to deploy them in enterprises.	

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 15x Total course hours/week)	15	5	75
Hours for off-the-classroom study (Pre-study, practice, review/week)	15	5	75
Homework	1	20	20
Quizzes	1	20	20
Midterm	1	25	25
Final	1	25	23
Total Work Load			240
Total Work Load / 25 (h)			9.6
ECTS Credit of the Course			10