Меѓународен Универзитет Визион - International Vision University
Universiteti Ndërkombëtar Vizion - Uluslararası Vizyon Üniversitesi

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SYLLABUS

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
WEB PROGRAMMING	CEN - 3004	5	180	6

Prerequisite(s)	None

Course Language	Macedonian, Turkish, English
Course Type	Required
Course Level	First Cycle
Course Lecturer	
Course Assistants	
Classroom	
Extra-Curricular Office Hours and Location	Meeting: Consultancy:

Course Objectives	The aim of this course is to teach the students and to give the information about the importance of internet technologies, to make them understand the basic HTML tags, to give ability to design web pages, also to give them ability to use the programming language in order to create dynamic web pages, and associating it with the database for publishing the websites and giving the ability to gain knowledge about the Internet skills.
Course Learning Outcomes	Students who successfully complete this course; • Will be able to recognize the fundamental concepts of the internet and a modern technology; • Will be able simple to develop a web pages by using HTML and CSS; • Will be able to get a Web design editor, can create and publish a website on the internet; • Will be able to use one of the web programming language design; • Will be able to create a dynamic web pages by connecting to the databases.
Course Contents	The basic concepts of this course are: Internet, HTML, Web Design, Web Programming, and Databases.

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Introduction of the course and course content, and basic concepts about Internet	Related Chapters of Course Sources
2	The history of the Internet, Internet technologies, methods and phases of Web design	Related Chapters of Course Sources
3	Introduction to HTML language, general structure of HTML, basis of HTML(headings, paraphrase, and regulations	Related Chapters of Course Sources
4	HTML fonts, coloring and lists, adding pictures and hyperlinks	Related Chapters of Course Sources
5	Table and frames of HTML	Related Chapters of Course Sources
6	Introduction to Web design editor, Website identification, basic page settings	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	Basic editing in web design editor, buttons, animations and table	Related Chapters of Course Sources
9	Adding menus and scripts in web design editor, style files (CSS) Working with Forms	Related Chapters of Course Sources
10	Introduction to Web programming, structure of programming languages, basic programming commands	Related Chapters of Course Sources
11	Condition (f), and loop statements (for, for each, while)	Related Chapters of Course Sources
12	Web servers, relational database concepts and database creation, adding records to the database	Related Chapters of Course Sources
13	Register interrogation operations (select), update records, associating it with the database website	Related Chapters of Course Sources
14	Database and application forms	Related Chapters of Course Sources
15	Final Exam	Related Chapters of Course Sources

ECTS / WORKLOAD TABLE

Presentation / Seminar			
Hours for off-the-classroom study (Pre-study, practice)	14	3	42
Midterm Exam	1	12	12
Final examination	1	14	14
Total Work Load			
ECTS	**6**		

GENERAL PRINCIPLE RELATED WITH COURSE

Dear students,

In order to be included, learn and achieve full success that you deserve in the courses you need to come well prepared by reading the basic and secondary textbooks. We are expecting from you carefully to obey to the course hours, not to interrupt the lessons unless is very indispensable, to be an active participant on the courses, easily to communicate with the other professor and classmates, and to be interactive by participating to the class discussions. In case of unethical behavior both in courses or on exams, will be acting in framework of the relevant regulations. The attendance of the students will be checked in the beginning, in the middle or at the end of the lessons. Throughout the semester the students who attend to all lectures will be given 15 activity-attendance points in addition to their exam grades.

SOURCES

COMPULSORY LITERATURE		
No	**Name of the book**	**Author's Name, Publishing House, Publication Year**
1	İnternet Tabanlı Programlama	Özgen Korkmaz, Sürat Üniversite Yayınları, 2014
2	Internet & World Wide Web How to Program	Harvey M. Deitel and Paul J. Deitel, 2008
3		

ADDITIONAL LITERATURE		
No	**Name of the book**	**Author's Name, Publishing House, Publication Year**
1	C# .Net 2.0 İle İnternet İntranet Programlama	Yüksel İnan , Nihat Demirli, Palme Yayıncılık, 2007
2	Computer Networks	Andrew S. Tanenbaum, PrenticeHall, 2002
3		

EVALUATION SYSTEM

Underlying the Assessment Studies	NUMBER	PERCENTAGE OF GRADE
Attendance/Participation	15	%10
Project / Event	1	%20
Mid-Term Exam	1	%35
Final Exam	1	%35
TOTAL	**17**	**%100**

ETHICAL CODE OF THE UNIVERSITY

In case of the students are cheating or attempt to cheat on exams, and in the case of not to reference the sources used in seminar studies, assignments, projects and presentations, in accordance to the legislations of the Ministry of Education and Science of Republic of Macedonia and International Vision University, will be applied the relevant disciplinary rules. International Vision University students are expected never to attempt to this kind of behavior.