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

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DERS İZLENCESİ (SYLLABUS)

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
INTERNET TECHNOLOGY	**4004**	**1**	**180**	**6**

Prerequisite(s)	None

Course Language	Turkish
Course Type	Elective
Course Level	First Cycle
Course Lecturer	
Course Assistants	
Classroom	
Extra-Curricular Office Hours and Location	

Course Objectives	The purpose of this course is to provide basic information on computer networks. The purpose of this course in Computer Networking Operating Principles, a layered structure, TCP / IP Protocol Suite and these protocols is planned to be addressed to the individual application layer from the network layer
Course Learning Outcomes	1. Computer Network knowledge and skills gained in the field to evaluate a critical approach. 2. Should know basic internet knowledge and the application of the Protocol. 3. Should know the protocols of communication and transport system is very basic rules used. 4. OSI layers, the information you should know communication protocols and standards, should be able to protocol selection. 5. Be able to establish the model of computer communication systems, should be able to simulate in the computer
Course Contents	Internet concepts and history, standard OSI layer model, the TCP / IP protocol, application layer protocols, Telnet protocol, FTP, TFTP, P2P, bit torrent protocols, transport layer protocols-TCP, UDP, IP addressing, Multimedia: VoIP and SIP, H. 323, computer viruses, will give information about security on the Internet

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Internet concept and history	Related Chapters of Course Sources
2	Standard OSI layer model	Related Chapters of Course Sources
3	TCP/IP protocol	Related Chapters of Course Sources
4	Application layer protocols	Related Chapters of Course Sources
5	TELNET protocol	Related Chapters of Course Sources
6	TP, TFTP, P2P - meaning and use	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	Transport layer protocols-TCP, UDP	Related Chapters of Course Sources
9	IP addressing, meaning, Application in practice	Related Chapters of Course Sources
10	Multimedia: VoIP and SIP, H.323	Related Chapters of Course Sources
11	Computer viruses	Related Chapters of Course Sources
12	BitTorrent protocols	Related Chapters of Course Sources
13	Internet security	Related Chapters of Course Sources
14	Creating a local computer network and IP addressing, router, switch, HUB ...	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,

You need to be included in the flow, please follow the course of learning and using that to achieve our success you deserve, you need to practice every day on topics that are covered by the course. It takes practice reading basic and auxiliary literature that is strictly recommended. You should visit classes course I need to make an effort to visit all the professors' lectures. Your activity on the session will be assessed by your professors and the Battle active participant in the discussions that will take place during the time. Students visiting lectures for all at the end if an additional 15 points.

SOURCES

COMPULSORY LITERATURE		
No	**Name of the book**	**Author's Name, Publishing house, Publication Year**
1	İnternet Teknolojileri	Zafer Demirkol PUSULA YAYINCILIK VE İLETİŞİM
2		
3	Internetnetworking with TCP/IP	Douglas E Conner, Prentice Hall, 2000

ADDITIONAL LITERATURE		
No	**Name of the book**	**Author's Name, Publishing house, Publication Year**
1		
2		
3	Computer networking	Andrew S. tanenbaun, prentice hall, 2003

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 students are cheating on exams or preparation the same, it is not making reference to the source to be used in studies, as for example in assignments, projects and presentation (plagiarism), in accordance with legislations by Ministry of Education and Science of the Republic of Macedonia and İnternational Vision University, apply relevant disciplinary rules. İnternational Vision University students are expected never attempts in this kind of behavior.