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
COMPUTER NETWORKS	**4019**	**4**	**180**	**6**

Prerequisite(s)	None

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

Course Objectives	Computer Networks' course highlights the development of computer networks and the Internet. It aims to present computer network technologies and to teach TCP/IP protocol, which holds an important place in the Internet structure. Also, to make computer network technologies understandable, some applications related to these technologies are given.
Course Learning Outcomes	1-To enable students to teach computer network principles 2-To enable students to teach computer network layers and their functions 3-To enable students to understand classification of computer networks 4-To enable students to bring the students up to the level in making applications on computer technologies and protocols
Course Contents	In this course of Computer Network is aimed to give information for different type of networks, protocols and applications fields.

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Introduction to Networking, Digital Transmission.	Related Chapters of Course Sources
2	Digital Communication.	Related Chapters of Course Sources
3	Error Detecting and Error Correcting Codes.	Related Chapters of Course Sources
4	OSI Reference Model.	Related Chapters of Course Sources
5	Network Layer.	Related Chapters of Course Sources
6	Data Link Layer.	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	Physical Layer.	Related Chapters of Course Sources
9	Network Connection Equipment's.	Related Chapters of Course Sources
10	Local Area Network Technologies.	Related Chapters of Course Sources
11	FDDI Technology, ATM (Asynchronous Transfer Mode).	Related Chapters of Course Sources
12	Wireless Networks, Wide Area Network Technologies.	Related Chapters of Course Sources
13	ISDN, Frame Relay.	Related Chapters of Course Sources
14	TCP/IP Protocol Suite and Architecture, Internet Addresses and Subnets.	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	Bilgisayar Ağları	Dr. Demir Öner ,PAPATYA YAYINCILIK EĞİTİM ,2010
2	Компјутерски Мрежи	Е. С. Таненбаум, Арс Ламина ,2010
3	Computer Networks	Larry L. Peterson, Bruce S. Davie, Morgan Kaufmann 2011

ADDITIONAL LITERATURE		
No	Name of the book	Author's Name, Publishing house, Publication Year
1	Bilgisayar Haberleşmesi ve Ağ Teknolojileri	Rıfat Çölkesen, Bülent Örencik
2	Податочни и компјутерски комуникации	В. Сталингс ,Арс Ламина 2010
3	Data Communication and Networking	B. Forouzan McGraw-Hill 2009

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.