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

Adres: Ul. Major C. Filiposki No.1, Gostivar – Makedonya
tel: +389 42 222 325, www.vizyon.edu.mk, info@vizyon.edu.mk

SYLLABUS

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
NETWORK OPERATING SYSTEM	**4042**	**8**	**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	**Meeting:** **Consultancy:**

Course Objectives	The aim of this course is to teach the students to Perform the Windows Server 2012 operating system on the virtualization process, sending automatic TCP / IP settings to the environmental machine, and being able to learn the environmental machines IP analysis by the name. In addition, thıs course teaches the Windows Server 2012 with operating system, and (Router) feature techniques for providing the necessary infrastructure.
Course Learning Outcomes	In the end of this course students will be able to: • To now the Windows Server 2012 innovations. • To Perform Hyper V on the virtualization process. • To Manage Windows Server 2012 operating system and do the domain. • To make an installlization on this system. • To Install DHCP role on the Windows operating system Server, • To configure, manage and to make maintenance. • To create a scope under DHCP role and to distribute configuration in TCP/IP.
Course Contents	In this course; in the Windows Server 2012 operating systems installation of the Hyper V platform, configures, manages and makes maintenance, virtualization process with Hyper V platform, intsalization of the domain, and DHCP, DNS, RRAS issues will be discussed.

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Accompanying Innovation with Window Server 2012	Related Chapters of Course Sources
2	Virtualization on the Hyper-V Platform	Related Chapters of Course Sources
3	Windows 2012 Operating System Installation	Related Chapters of Course Sources
4	Windows Server 2012 Management and Domain Setup	Related Chapters of Course Sources
5	Installing and Configuring DHCP Role	Related Chapters of Course Sources
6	Scope under DHCP Role created the TCP / IP Configure the Distribution of	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	DHCP Role Management and Maintenance	Related Chapters of Course Sources
9	Role of the Board of DNS and the DNS Root	Related Chapters of Course Sources
10	Role Configuring the DNS and Domain Names	Related Chapters of Course Sources
11	DNS - Zone Transfer	Related Chapters of Course Sources
12	RRAS Role of the Board and Static Routing	Related Chapters of Course Sources
13	RRAS - Dynamic Routing and NAT	Related Chapters of Course Sources
14	RRAS - VPN (PPTP-L2TP-SSTP)	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	Bilgisayar İşletim Sistemleri	Ali Saatçı, Ankara, 2002
2	Компјутерски Мрежи	Е. С. Таненбаум Арс Ламина 2010
3	Data Communication and Networking	B. Forouzan, McGraw-Hill 2009

ADDITIONAL LITERATURE		
No	**Name of the book**	**Author's Name, Publishing House, Publication Year**
1	İşletim Sistemleri ve Sistem Programlama	Mutlu Avcı , Buse Melis Özyıldırım , Onur Ülgen , Karahan Kitabevi
2	Податочни и компјутерски комуникации	В. Сталингс Арс Ламина 2010
3	Communication Networks 2e	Leon-Garcia, Widjaja McGraw-Hill Professional 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 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