Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF437	System Engineering	8	3	0	0	3	4

Prerequisites	INF334
Admission Requirements	INF334

Language of Instruction	
Course Type	Elective
Course Level	Bachelor Degree
Objective	This course, DHCP, DNS, IIS, including Active Directory IPV4 and system security issues aimed at both theoretical and practical handling.
Content	IIS, DHCP, DNS, Active Directory and IPV4 SECURITY SYSTEM
References	MCSE 1: Certification Exam Preparation Guide to Basic Medyasoft Publications 2003

Theory Topics

Week	Weekly Contents
1	The installation of Active Directory and Domain Controller
2	Determination of the group's policies I
3	Determination of the group's policies II
4	The installation of email server and management
5	The policies of email server
6	Firewall rules
7	The policies of network management
8	Midterm exam
9	The advanced security in switches
10	Spanning Tree
11	VLAN configurations I
12	VLAN configurations II
13	802.1x examples I
14	802.1x examples II

Theory Topics

Week	Weekly Contents