

Course Definition File



1. Basic Information

Course Name	Windows Platform II
Course ID	IOS304
Contact Hours (Registered Sessions)	36
Contact Hours (Synchronized Sessions)	18
Mid Term Exam	No
Exam	1
Registered Sessions Work Load	36
Synchronized Session Work Load	18
Credit Hours	6

2. Pre-Requisites:

Course	ID
Windows Platform I	IOS202

3. Course Objectives and Intended Learning Outcomes (ILO):

After completing this course, students will be able to:

- 1. Manage and troubleshoot DNS.
- 2. Maintain Active Directory Domain Services.
- 3. Manage users and services accounts.
- 4. Implement a Group Policy infrastructure.
- 5. Manage user desktops with Group Policy.
- 6. Install, configure, and troubleshoot the Network Policy Server Role.
- 7. Implementing Network Access Protection.
- 8. Implementing Remote Access.
- 9. Optimize File Services.
- 10. Configuring encryption and advanced auditing.
- 11. Deploy and maintain server images.
- 12. Implement Windows Server Update management.
- 13. Monitor Windows Server 2012.

LO	Course	Recorded	Synchronized		Type	Additional
LO	Syllabus	Sessions	Sessions		Туре	Notes
L01	Manage and troubleshoot DNS.	2	1	X X	Exercises Assignments Practices Discussions	Students must themselves do/follow/test
LO2	Maintain Active Directory Domain Services	2	1	×	Exercises Assignments Practices Discussions	all exercises in the companion Lab

				×	Exercises
	Manage users			×	Assignments
LO3	and services		1	×	Practices
	accounts			×	Discussions
				×	Exercises
	Implement a			×	Assignments
LO4	Group Policy	2	1	×	Practices
	infrastructure.			×	Discussions
				×	Exercises
	Manage user			×	Assignments
LO5	desktops with	2	1	×	Practices
	Group Policy.			×	Discussions
	Install,				
	configure, and			×	Exercises
	troubleshoot			×	Assignments
L06	the Network	2	1	×	Practices
	Policy Server			×	Discussions
	Role.				
	Implementing			×	Exercises
	Network			×	Assignments
LO7	Access	2	1	×	Practices
	Protection.			×	Discussions
	Implomenting			×	Exercises
1.00	Implementing	2	1	×	Assignments
LO8	Remote	2	1	×	Practices
	Access.			×	Discussions
				×	Exercises
1.00	Optimize File	2	1	×	Assignments
LO9	Services.	2	1	×	Practices
				×	Discussions

	Configuring		1	×	Exercises
LO10	encryption and	2		×	Assignments
LOIU	advanced	2		×	Practices
	auditing.			×	Discussions
	Deploy and			×	Exercises
LO11	maintain	2	1	×	Assignments
LOTI	server images.	2	1	×	Practices
	server images.			×	Discussions
	Implement			×	Exercises
LO12	Windows	2	1	×	Assignments
LO12	Server Update	2		×	Practices
	management.			×	Discussions
	Monitor			×	Exercises
LO13	Windows	2	1	×	Assignments
LO13	Server 2012		1	×	Practices
	361V61 2012			×	Discussions

4. Assessment Criteria (Related to ILOs)

	Assessment Type						
LO Code	Interactive			Presentations and			
LO Code	Synchronized	Practice	Exams	Face-to-Face	Reports		
	Collaboration			Assessments			
LO1	X	X	X		X		
LO2	X	X	X		X		
LO3	X	X	X		X		
LO4	X	X	X		X		
LO5	X	X	X		X		
LO6	X	Х	X		Х		
LO7	X	Х	X		Х		
LO8	X	X	X		Х		

LO9	X	X	X	X
LO10	X	X	X	X
LO11	X	X	X	X
LO12	X	X	X	X
LO13	X	X	X	X

5. Course Syllabus (18 hours of total synchronized sessions)

LO	Chapter No	Content
101		Module01-Configuring and Troubleshooting Domain Name
LO1	1	System
LO2	2	Module02-Maintaining Active Directory® Domain Services
LO3	3	Module()3-Managing User and Service Accounts
LO4	4	Module()4-Implementing a Group Policy Infrastructure
LO5	5	Module()5-Managing User Desktops with Group Policy
100	Module()6-Installing, Configuring, and Troubleshooting the	
LO6 6		Network Policy Server Role
LO7	7	Module07-Implementing Network Access Protection
LO8	8	Module08-Implementing Remote Access
LO9	9	Module()9-Optimizing File Services
LO10	10	Module10-Configuring Encryption and Advanced Auditing
LO11	11	Module11-Deploying and Maintaining Server Images
LO12	12	Module12-Implementing Update Management
L013	13	Module13-Monitoring Windows Server 2012

6. Practice Tools:

Tool Name	Description
Windows 2012 Server	
VMWare Workstation or equivalent.	