



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 Syllabus	Recorded Sessions	Synchronized Sessions	Type	Additional Notes
LO1	Manage and troubleshoot DNS.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	Students must themselves do/follow/test all exercises in the companion Lab
LO2	Maintain Active Directory Domain Services	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	

LO3	Manage users and services accounts	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO4	Implement a Group Policy infrastructure.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO5	Manage user desktops with Group Policy.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO6	Install, configure, and troubleshoot the Network Policy Server Role.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO7	Implementing Network Access Protection.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO8	Implementing Remote Access.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO9	Optimize File Services.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions

LO10	Configuring encryption and advanced auditing.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO11	Deploy and maintain server images.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO12	Implement Windows Server Update management.	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions
LO13	Monitor Windows Server 2012	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions

4. Assessment Criteria (Related to ILOs)

LO Code	Assessment Type				
	Interactive Synchronized Collaboration	Practice	Exams	Presentations and Face-to-Face Assessments	Reports
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	X	X		X
LO7	X	X	X		X
LO8	X	X	X		X

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
LO1	1	Module01–Configuring and Troubleshooting Domain Name System
LO2	2	Module02–Maintaining Active Directory® Domain Services
LO3	3	Module03–Managing User and Service Accounts
LO4	4	Module04–Implementing a Group Policy Infrastructure
LO5	5	Module05–Managing User Desktops with Group Policy
LO6	6	Module06–Installing, Configuring, and Troubleshooting the Network Policy Server Role
LO7	7	Module07–Implementing Network Access Protection
LO8	8	Module08–Implementing Remote Access
LO9	9	Module09–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
LO13	13	Module13–Monitoring Windows Server 2012

6. Practice Tools:

Tool Name	Description
Windows 2012 Server	
VMWare Workstation or equivalent.	