

Syrian Arab Republic	 الجامعة الافتراضية السورية SYRIAN VIRTUAL UNIVERSITY	الجمهورية العربية السورية
Ministry of Higher Education		وزارة التعليم العالي
Syrian Virtual University		الجامعة الافتراضية السورية

Course Definition File

1. Basic Information:

Course Name	Windows Platform I
Course ID	IOS202
Contact Hours (Registered Sessions)	36
Contact Hours (Synchronized Sessions)	18
Mid Term Exam	NO
Exam	2
Registered Sessions Work Load	36
Synchronized Session Work Load	18
Credit Hours	6

2. Pre-Requisites:

Course	ID
Introduction to Operating System	IOS101
Introduction to Network	INT103
English Level 3	ENG3

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

After completing this course, students will be able to:

1. Install and configure Windows Server 2012
2. Describe Active Directory Domain Services
3. Manage Active Directory Domain Services objects
4. Automate Active Directory Domain Services administration
5. Implement TCP/IPv4
6. Implement DHCP
7. Implement DNS

8. Implement IPv6
9. Implement local storage
10. Share files and printers
11. Implement Group Policy
12. Use Group Policy objects to secure Windows servers
13. Implement server virtualization with Hyper-V

LO	Course Syllabus	Recorded Sessions	Synchronized Sessions	Type	Additional Notes
LO1	Install and configure Windows Server 2012	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	
LO2	Describe Active Directory Domain Services	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	
LO3	Manage Active Directory Domain Services objects	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	

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LO4	Automate Active Directory Domain Services administration	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	
LO5	Implement TCP/IPv4	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	
LO6	Implement DHCP	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	
LO7	Implement DNS	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	

LO8	Implement IPv6	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input type="checkbox"/> Discussions	
LO9	Implement local storage	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	
LO10	Share files and printers	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	
LO11	Implement Group Policy	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	
LO12	Use Group Policy objects to secure Windows servers	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	

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LO13	Implement server virtualization with Hyper-V	2	1	<input checked="" type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input checked="" type="checkbox"/> Practices <input checked="" type="checkbox"/> Discussions	
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4. Assessment Criteria (Related to ILOs)

LO Code	Assessment Type					
	Interactive Collaboration	Synchronized	Practic e	Exams	Presentations and Face-to-Face Assessments	Report s
LO1		X		X		
LO2		X	X		X	X
LO3		X	X	X	X	X
LO4		X	X		X	X
LO5		X		X		X
LO6		X	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	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	Module 1: Deploying and Managing Windows
LO2	2	Module 2: Introduction to Active Directory
LO3	3	Module 3: Managing Active Directory Domain
LO4	4	Module 4: Automating Active Directory Domain
LO5	5	Module 5: Implementing IPv4
LO6	6	Module 6: Implementing DHCP
LO7	7	Module 7: Implementing DNS
LO8	8	Module 8: Implementing IPv6
LO9	9	Module 9: Implementing Local Storage
LO10	10	Module 10: Implementing File and Print Services
LO11	11	Module 11: Implementing Group Policy
LO12	12	Module 12: Securing Windows Servers Using
LO13	13	Module 13: Implementing Server Virtualization

6. Practice Tools:

Tool Name	Description
Windows 2012 Server	