CIST 2412 - Microsoft Server Directory Services (version 201003L)

Course Title	Course Development	Learning Support
Microsoft Server Directory Services	Standard	No

Course Description

Provides students with knowledge and skills necessary to install, configure, manage, support and administer Microsoft Directory Services.

Pre-requisites

Pre-requisites: All Required

Program Admission

Co-requisites

Co-requisites: None

Course Length

	Minutes	Contact Hour	Semester Credit	WLU
Lecture:	1500	30		
Lab 2:	3000	60		
Lab 3:	0	0		
Total:	4500	90	4	
Semester Credit Hours:			4	142.5
Breakout Detail of Lab 3				
Practicum/Internship	0	0		
Clinical	0	0		

Competencies & Outcomes

Order	Description	Lecture	Lab 2	Lab 3	Total Min	Credit Hrs	Pract Intern	Clinical
1	**Computer Networking Fundamentals**	150	300	0	450	0	0	0

Order	Description	Learning Domain	Level of Learning
1	Explain the purpose and function of networking protocols.	Cognitive	Knowledge
2	Identify computer/networking address formats and commonly used ports.	Cognitive	Knowledge
3	Describe and discuss the principles and properties of a routed network.	Cognitive	Application
4	Identify tools, diagnostic procedures and troubleshooting techniques for maintaining a network environment.	Cognitive	Knowledge

Order	Description	Lecture	Lab 2	Lab 3	Total Min	Credit Hrs	Pract Intern	Clinical
2	**Introduction to and Installation of Microsoft Server**	200	400	0	600	0	0	0

Order	Description	Learning Domain	Level of Learning
1	Identify Server Editions, current and new technologies, and various server roles	Cognitive	Knowledge

and features.

	2	Install and configure Microsoft Server.	Psychomotor	Guided Response

3	Implementing,Managing, and Maintaining Directory Services	400	800	0	1200	1	0	0

Order	Description	Learning Domain	Level of Learning
1	Describe, configure,and maintain Directory Services	Cognitive	Comprehension
2	Perform the installation and configuration of a domain or forest trusts and sites	Psychomotor	Guided Response
3	Differentiate and implement various Active Directory Roles, features, and services including Operations Master Roles, Certificate Services and more.	Cognitive	Analysis
4	Recognize and configure Directory Services support features and services including Group Policy, backup and recovery, maintenance support, monitoring services and more	Cognitive	Analysis
5	Describe and configure Group Policy including group policy settings, security templates, software distribution and more	Cognitive	Comprehension

4	Implementing Name Resolution	250	500	0	750	1	0	0

Order	Description	Learning Domain	Level of Learning
1	Articulate and configure name resolution.	Cognitive	Application
2	Perform the configuration and management of a Domain Name System (DNS) server.	Psychomotor	Guided Response

5	Implementing Security	250	500	0	750	1	0	0

Order	Description	Learning Domain	Level of Learning
1	Identify the principles and purpose of remote access.	Cognitive	Knowledge
2	Articulate and configure remote access services and policies	Cognitive	Application
3	Articulate and apply the configuration of network access security including firewall settings and policies and network authentication	Cognitive	Application

6	Implementing File and Print Services	250	500	0	750	0	0	0

Order	Description	Learning Domain	Level of Learning
1	Describe the purpose and function of File and Print Services	Cognitive	Knowledge
2	Perform the implementation and monitoring of file services	Psychomotor	Guided Response
3	Demonstrate the planning and configuring of Distributed File System (DFS)	Psychomotor	Guided Response
4	Discuss and implement backup and restoration procedures	Cognitive	Comprehension

| 5 | Perform , implement, and monitor print services | | | | | Psychomotor | Guided Response |
| 6 | Establish security for file and print services | | | | | Psychomotor | Guided Response |

7		0	0	0	0	0	0	0

		Lecture 1500	Lab 2 3000	Lab 3 0	Total Min 4500	Cred Hrs 4	Pract Intern 0	Clinical 0
Competency Totals:								