



Network Administrator Curriculum

Semester	Code	Module Content	Credits	
Sem 1	IIT	Introduction to Information Technology	3	
	IIT/P	Introduction to Information Technology Project	1	
	ALP	Algorithm and Programming	2	
	ALP/P	Algorithm and Programming Project	1	
	RDD	Relational Database Design	2	
	IDD	Implementing Database Design on MS SQL Server	3	
	IDD/P	Implementing Database Design on MS SQL Server Project	1	
	TAD	Tools and Technique for Analyzing Data	3	
	TAD/P	Tools and Technique for Analyzing Data Project	1	
	OS	Operating System	2	
			Total in Class	19
			Total Self Study	
Semester	Code	Module Content	Credits	
Sem 2	SQL	Microsoft SQL Server 2012: Database Administration	3	
	SQL/P	Microsoft SQL Server 2012: Database Administration Project	1	
	JVP	Java Programming	3	
	JVP/P	Java Programming Project	1	
	CWS	Installing and Configuring Windows Server	3	
	CWS/P	Installing and Configuring Windows Server Project	1	
	AWS	Administering Windows Server	3	
	AWS/P	Administering Windows Server Project	1	
	CAW	Configuring Advanced Windows Services	3	
	CAW/P	Configuring Advanced Windows Services Project	1	
	ADS	Algorithm and Data Structure	2	
			Total in Class	22
		Total Self Study		
Semester	Code	Module Content	Credits	
Sem 3	CCNA	Information Systems Architecture and Technology	2	
	CCNA	Computer Network	4	
	CCNA	Implementing, Managing, and Securing Network Infrastructure	4	
	CCNA	Information Technology Infrastructure	4	
	CCNA	Enterprise Network Planning, Implementing and Monitoring	4	
	CCNA	Network Infrastructure Project	3	
			Total in Class	21
		Total Self Study		
Semester	Code	Module Content	Credits	
Sem 4	ANOS	Administering Network Operating System	3	
	ANOS/P	Administering Network Operating System Project	1	
	ISS	Information System Security	3	
	ISS/P	Information System Security Project	1	
	LSC	Linux Server Configuration	3	
	LSC/P	Linux Server Configuration Project	1	
	NMA	Network Monitoring and Analysis	3	
	NMA/P	Network Monitoring and Analysis Project	1	
		Kriptografi	2	
			Total in Class	18
		Total Self Study		
Total hour by 2 year			80	