

Content of ISP infrastructure
Duration: 60 hours

CHAPTER	TABLE OF CONTENTS	HOURS	THEORY&HW
1	DSL	10-h	8/2
	. DSLAM/ADSL/XDSL / BRAS		
	.TELEPHONE EXCHANGE/TC/CAMINTEL .		
	.PRODUCTS/COPPER		
	.SITESURVEY/PLAN/DESIGN(ASSIGNMENT)/SITE VISIT(TC/CT).		
2	WIRELESS	10-h	8/2
	.WIRELESS(PTP/PTM)		
	.WIFI/HOTSPOT		
	.MESHNETWORK		
	.WIMAX (BTS/CPE/MULTI-CHASSI/SINGLE-CHASSI)		
	.FREQUENCY		
	.ANTENNA		
	.SITESURVEY/PLAN/DESIGN(ASSIGNMENT)		
3	FTTX	10-h	8/2
	.FTTH/FTTC/FTTO/FTTU/FTTP		
	.PON(APON/BPON/GPON/EPON)		
	.OLT/ONT		
	.SPLITTER		
	.FIBER OPTIC		
	.FO-TOOL		
	.SITESURVEY/PLAN/DESIGN(ASSIGNMENT)		
4	BACKBONE LINK	10-h	8/2
	.FIBER OPTIC		
	.LEASELINE		
	.WIRELESS LINK/MICROWAVE		
	.E1 CAPACITY		
	.SITESURVEY/PLAN/DESIGN(ASSIGNMENT)		
5	LIGHTENING	10-h	8/2
	.LIGHTENING/SURGE PROTECTION/GROUNDING(DATACENTER)		
6	SITE SURVEY PLANING	10-h	8/2
	.PLANING/LEGAL PAPERWORK		
	.TIMELINE		
	.COLLECT INFORMATION		



.NETWORK DESIGN		
.BOM		
.ORDER EQUIPMENT		
.IMPLEMENTATION		
.UAT		
.ON SERVICE/KNOWLEDGE TRASFER		
	Total Hours :	60-h 48/12

Note: Class start open any time sat/sun @ 1:30PM -5:30PM or Mon/Fri @ 6:00PM-7:30PM.

