Tentative Weekly Schedule

Week of	Agenda/Topic	Reading(s)	Due
1/9	Networking Overview	[Refbook 1] Ch.1 PPT Slides	Tour of the Lab Project Overview
1/16	IPv4 addressing and subnetting, VLSM	[Refbook 1] Ch.7, 8 PPT Slides	Lab 1: Research standards bodies and Internet organizations (2%)
1/23	Networking models (OSI and TCP/IP)	[Refbook 1] Ch.3 PPT Slides	Lab 2: IP Subnetting exercise (2%)
1/30	Network technologies (LAN, WAN, cloud)and topologies (PtP, star, ring, bus, mesh)	[Refbook 1] Ch.9 PPT Slides	Lab 3: A- Build a simple netw B- Analyze ARP using Wiresh (2%)
2/6	L2: Ethernet, MAC addresses, ARP, Data Switches, CAM table	[Refbook 1] Ch.10 [Refbook 2] Ch.7 PPT Slides	Lab 4: Analyze ping and traceroute (2%)
2/13	Important protocols (IP, TCP, UDP, DHCP, DNS, FTP)	[Refbook 1] Ch.4, 5, 6 PPT Slides	Project Progress Report (5%)
2/20	Midterm Test VLANs and VLAN Trunking	[Refbook 2] Ch.11 PPT Slides	Midterm Test (20%) Lab 5: Analyze TCP and HTT connections (using Packet Tracer) (2%)
2/27		Study Week	
3/6	InterVLAN Routing (Router On A Stick)	[Refbook 2] Ch.18 PPT Slides	Lab 6: Creating VLANs and trunks (2%)
3/13	Static vs Dynamic Routing	PPT Slides	Lab 7: InterVLAN routing usir ROAS (2%)
3/20	Routing Concepts (routing table, DV vs LS protocols)	PPT Slides	Skills Test (20%) Lab 9: DHCP, DNS (2%)

Week of	Agenda/Topic	Reading(s)	Due
3/27	Single area OSPFv2, Route Summarization	[Refbook 3] VI (Ch.21-24) [Refbook 2] Appendix O	Lab 8: Static routing (2%)
4/3	Final Test Review		Lab 10: OSPFv2 routing (2%)
4/10	Project Presentations		Project Final Report and Presentation (15%)
4/17			Final Test (20%)