

Schedule, Computer Networks I, Autumn 2011

Lectures

w.35	Introduction OSI Model, TCP/IP
w.36	IP Addressing, Subnetting, VLSM
w.39	Routing, Routing Table
w.40	Routing Protocols

Laborations

w.36	Lab 1 Packet Tracer 4.0	Introduction to the lab equipment (routers, switches, cable types, PC connections), Packet Tracer
w.37	Lab 2	Wireshark, IP addressing and subnetting
w.38	Lab 3	HyperTerminal, Basic Configuration, TFTP
w.39	Lab 4 Worksheet	Router configuration, RIP and RIPv2 Routing table
w.40	Lab 5 Worksheet	EIGRP, manual summarization VLSM
w.41	Lab 6	OSPF

Exercises:

w.37	Worksheet Subnetting
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Self study (reading and module exams)

w.35	CCNA 1: Chapter 1 and 2
w.36	CCNA 1: Chapter 3, 4 and 5
w.37	CCNA 1: Chapter 6, 7 and 8 CCNA 1: Chapter 9, 10 and 11
w.38	11
w.39	CCNA 2: Chapter 1, 2 and 3
w.40	CCNA 2: Chapter 4, 5 and 6
w.41	CCNA 2: Chapter 7, 8 and 9
w.42	CCNA 2: Chapter 10 and 11

Extra laborations

2.6.1
10.3.2
11.5.4, 11.5.6
2.8.2, 5.6.2
6.4.2, 7.5.2
8.4.2, 9.6.2
11.6.2