

LESSON PLAN

CSE 3152: COMPUTER NETWORKS LAB

Total Credit : 01
 Total Marks : 25
 Total no of Weeks : 13
 Final Exam : 17½ (70% of total marks)
 Quiz/Viva-voce/CA : 05 (20% of total marks)
 Attendance : 2½ (10% of total marks)

Course Teacher : Dr. ASIF ZAMAN, Associate Professor, CSE RU
 Class Room : As mentioned in class routine.
 Class Schedule : As mentioned in class routine.

Weeks	Contents
1	<ul style="list-style-type: none"> • Building Ethernet cable – straight and crossover cable (for both T568A & T568B standards).
2	<ul style="list-style-type: none"> • Assigning and checking IP configuration of a machine. • Checking connectivity in between two nodes (using ping command).
3	<ul style="list-style-type: none"> • Windows file/folder/printer sharing. • Configuring a DHCP server (openDHCP).
4	<ul style="list-style-type: none"> • Socket programming – interchange message in between two machines. • Socket programming – sending email using SMTP server. • Configuring POP3 email server for windows – hMailServer.
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7	Evaluation Exam
8	<ul style="list-style-type: none"> • Cisco packet tracer – simulating HUB & Switch operation. • Cisco packet tracer – Creating VLAN in cisco switch. • Cisco packet tracer – Basic router configuration. • Cisco packet tracer – Inter VLAN routing.
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11	
12	<ul style="list-style-type: none"> • Configuring Squid proxy – as transparent/ non-transparent proxy server.
13	Lab Internal Exam