IST 166 NETLAB Assignment List

<mark>Lab 1 (in D2L Gradebook)</mark>

Module 1 Lab Assignment:
NETLAB Lab 1: The OSI Model

Required screenshots:

Step 5a Page 12 of 34

Step 7a Page 14 of 34

Step 4a Page 19 of 34

Step 8 Page 22 of 34

Step 11 Page 27 of 34

Step 2 Page 30 of 34

Step 5 Page 33 of 34

Module 2 Lab Assignment:
NETLAB Lab 2: Types of Networks

Require Screenshots:

Step 9 Page 9 of 35

Step 10e Page 14 of 35

Step 20 Page 20 of 35

Step 6 Page 24 of 35

Step 13 Page 28 of 35

Step 6 Page 30 of 35

Step 1 Page 34 of 35

Lab 3 (in D2L Gradebook)

Module 3 Lab Assignment:
NETLAB Lab 3: TCP/IP Utilities

Required Screenshots

Step 10a Page 11 of 38

Step 10c Page 12 of 38

Step 2 Page 15 of 38

Step 5 Page 17-18 of 38

Step 3b Page 20 of 38

Step 5 Page 22 of 38

Step 13 Page 29 of 38

Step 8 Page 33-34 of 38

Step 9 Page 37 of 38

Lab 4 (in D2L Gradebook)

Module 4 Lab Assignment:
NETLAB Lab 5: TCP/IP Protocols - Other Key Protocols

Required Screenshots:

Step 7 Page 10 of 35 (before clicking NEXT)

Step 24 Page 17 of 35

Step 20 Page 24 of 35

Step 6 Page 27 of 35 (must show both *ifdown* & *ifup*)

Step 14 Page 34 of 35

Lab 5 (in D2L Gradebook)

Module 5 Lab Assignment:
NETLAB Lab 9: Network Troubleshooting

Required Screenshots:

Step 12 Page 11 of 25

Step 11 Page 16 of 25 (before clicking NEXT)

Step 27 Page 21 of 25

Step 6 Page 25 of 25

Lab 6 (in D2L Gradebook)

Module 6 Lab Assignment:
NETLAB Lab 12: TCP/IP Protocols - The Core
Protocols

Required Screenshots:

Step 4 Page 7 of 19 (show output from screen)

Step 6 Page 8 of 19 (show output from screen)

Step 7 Page 9 of 19

Step 5 Page 12 of 19 (before clicking OK)

Step 8 Page 14 of 19

Step 6 Page 18 of 19

Lab 7 (in D2L Gradebook)

Module 7 Lab Assignment:
NETLAB Lab 7: Remote Access - RDP

Required Screenshots:

Step 11 Page 10 of 25

Step 22 Page 14 of 25

Step 7 Page 18 of 25 (before clicking NEXT)

Step 10 Page 24 of 25 (show error dialog box)

<mark>Lab 8 (in D2L Gradebook)</mark>

Module 8 Lab Assignment:
NETLAB Lab 4: IPv4 vs IPv6 - Calculating, Configuring and Testing (Based on Chapter 8 in your Textbook)

Required Screenshots:

Step 8 Page 18 of 32

Step 11 Page 19 of 32 *(Correction: "using the IP address 172.168.16.11" – use 172.16.16.11 instead)*

Step 18 Page 22-23 of 32 (show results both machines)

Step 5 Page 29-30 of 32

Step 8 Page 31 of 32

There is no lab assignment for Module 9

<mark>Lab 10 (in D2L Gradebook)</mark>

Module 10 Lab Assignment:
NETLAB Lab 6: Network Management

Required Screenshots:

Step 2 Page 10 of 31

Step 12 Page 15 of 31 (before clicking OK)

Step 3 Page 17 of 31

Step 8 Page 22 of 31

Step 5 Page 24 of 31

Lab 11 (in D2L Gradebook)

Module 11 Lab Assignment:
NETLAB Lab 10: Network Security – Firewalls

Required Screenshots:

Step 5 Page 11 of 36 (before clicking OK)

Step 3c Page 15 of 36

Step 3e Page 22 of 36 (before clicking the X)

Step 8 Page 35 of 36

Lab 12 (in D2L Gradebook)

Module 12 Lab Assignment:
NETLAB Lab 11: Business Continuity - Disaster Recovery

Required Screenshots:

Step 6 Page 9 of 29 (before clicking CLOSE)

Step 3i Page 12 of 29 (before clicking FINISH)

Step 17 Page 19 of 29

Step 13 Page 25 of 29

Step 7 Page 28 of 29 (before clicking CLOSE)