



Network II Road Map

Dr. Ahmed M. ElShafee

Dr. Ahmed ElShafee, ACU Fall2012, Network II

About the course and the instructor

Course name, Code	Computer networks II, CNE 40X
Pre-requisite	Network I
Credit hours	3
Number of lectures	15
Date, time, place	Tuesday, 09:00 PM ~ 12:00 PM Class 1204 lab 12:00 PM – 15:00 PM Lab 1255, Lab 1215
Text book	W. Stallings, "Data and Computer Communications"

Email	Ahmed.elshafee@acu.edu.eg email@draelshafee.net
Presentations and materials	www.Draelshafee.net

Course description

Course covers LAN/WAN architecture, topology, protocols.

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Course Objectives

Provide the advanced concepts of computer networks like LAN, WAN.

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Course outcomes

After completing course you will be;

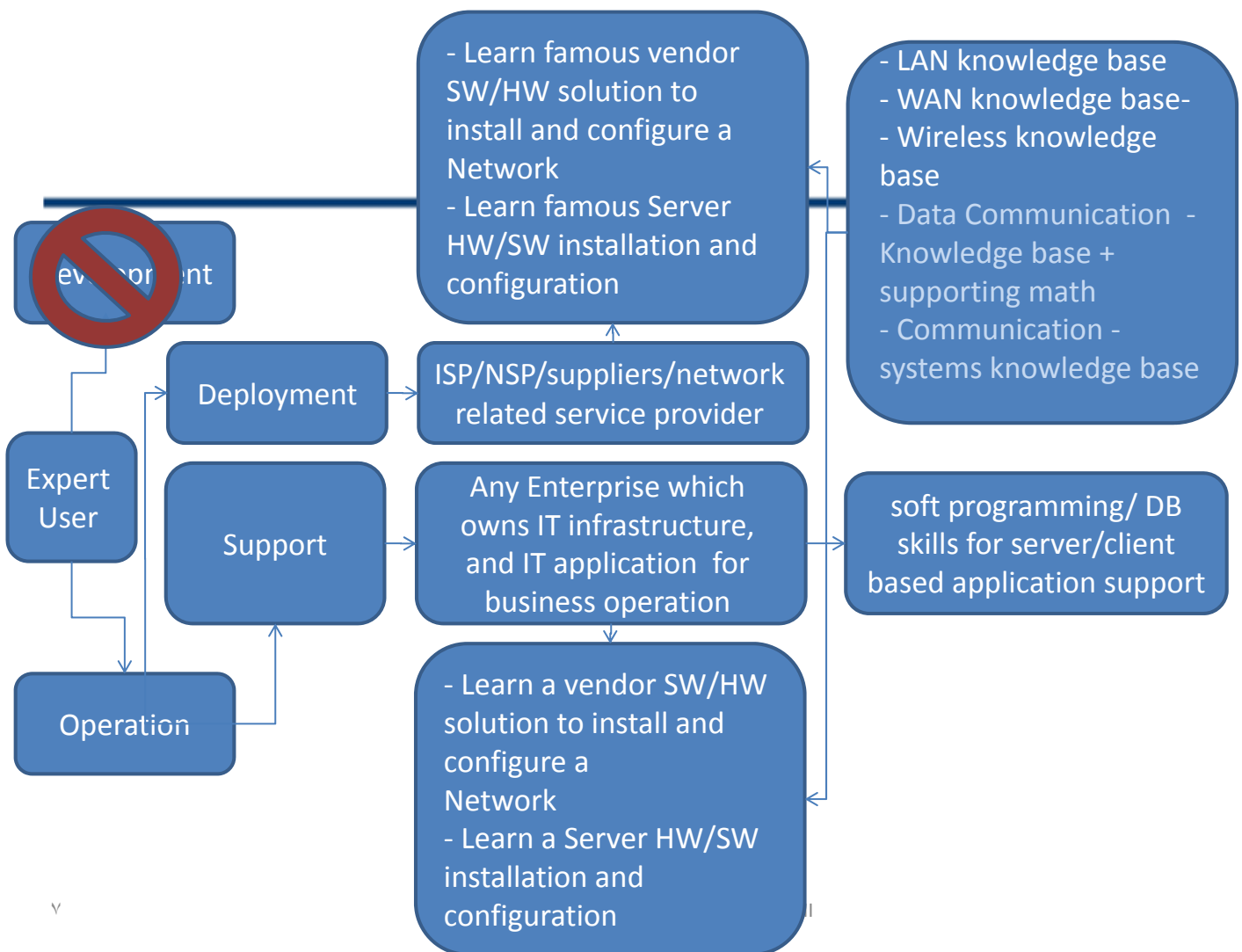
- Understanding how to design/build LANs
- How to interconnect LAN/WAN
- How to maintain/ operate LANs

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Network engineer road map



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Network II TOC

- 1 Introduction to Computer Networking Concepts
- 2 The TCP/IP Networking Model
- 3 OSI Reference Model
- 4 Data link layer
- 5 Fundamentals of WANs
- 6 Internet layer
- 7 Transmission layer
- 8 Application layer

OK.
Lets do this,...