

# Network II Road Map

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## About the course and the instructor

Course name, Code	Computer networks II, CNE 304
Pre-requisite	Network I
Credit hours	3
Number of lectures	15
Date, time, place	Tuesday, 09:00 PM ~ 12:00 PM Class 1204
Text book	W. Stallings, "Data and Computer Communications"

Email	<a href="mailto:Ahmed.elshafee@acu.edu.eg">Ahmed.elshafee@acu.edu.eg</a> <a href="mailto:email@draelshafee.net">email@draelshafee.net</a>
Presentations and materials	<a href="http://www.Draelshafee.net">www.Draelshafee.net</a>

## Course description

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Course covers LAN/WAN architecture, topology, protocols.

## Course Objectives

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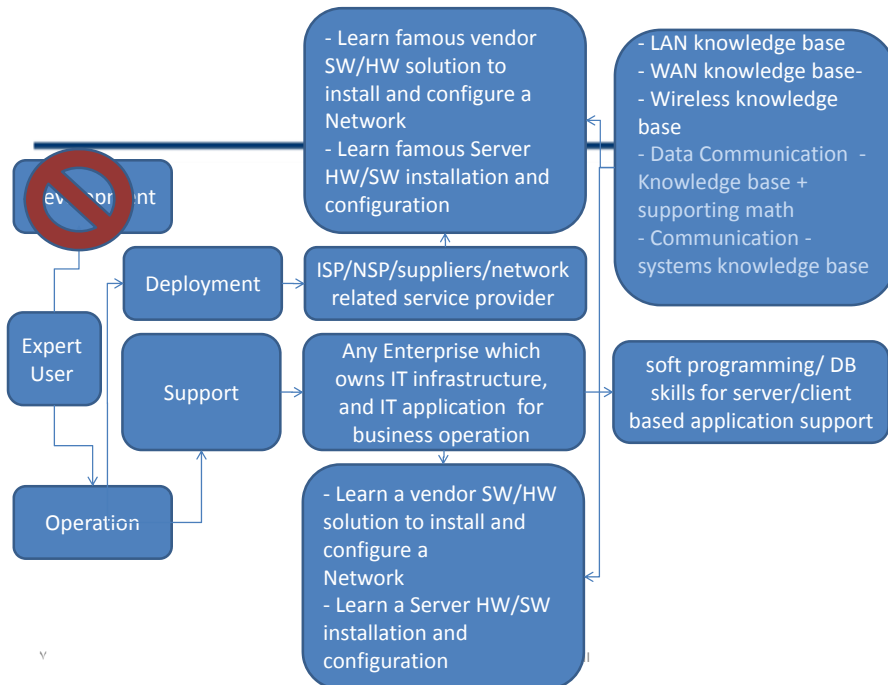
Provide the advanced concepts of computer networks like LAN, WAN.

## Course outcomes

After completing course you will be;

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

## Network engineer road map



## 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

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OK.  
Lets do this,...