



❖ Course Description

ASK PC CNE course is an introductory certification in Network Engineering and troubleshooting. It is your **first level** to understand the basics of computer networking and also a required step to achieve your [ASK PC CNT Diploma](#) (Computer Networking and Technical Support Diploma).

❖ Type of Delivery

Self-paced course **OR**
Instructor-led training by certified instructor

❖ Duration

60 hours

❖ Training Benefits

- ✓ ASK PC CNE Study Guide (Soft Copy)
- ✓ Video Demos & Tutorials
- ✓ Activities and practice
- ✓ Exam & Project
- ✓ ASK PC CNE Certificate
- ✓ IEEE CEUs certificate

❖ **Course Contents**

This course will help you understand, install, configure and troubleshoot basic networking hardware, protocols and services.

❖ **A few of the covered topics are**

- Introduction to networking
- Understanding the OSI Model
- Physical Networking and Topologies
- Understanding MAC Address
- Networking Commands in both Windows and Linux
- Networking Hardware, Routers, Switches, Bridges etc
- Networking protocols
- Understanding IP Addressing
- Disaster Recovery Plans
- Introduction to network storage
- LAN troubleshooting
- Basic Network Security
- Cables and connectivity
- Introduction to Network Operating Systems

❖ **Prerequisites**

Applicant should be familiar with ASK PC basic technical Support certification ([CTSE](#)) or equivalent certifications (A+).

❖ **About the author**

Dr. Mohamed N. El-Guindy, PhD, CEng, MBCS CITP, MIEEE, ABILD is the author of ASK PC courses. He is also the founder and president of both ASK PC and ISSA chapter in Egypt. He has broad experience in the field of Information Technology and also speaker in many technology events. For more information, kindly check this page:

<http://www.ask-pc.com/founder.html>

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