

Mobile Package [GSM, GPRS, EDGE & UMTS/CDMA] (STC4A01)

Course Overview:

Now all of us use the mobile to communicate with each other, we learn here what is the various standards and technologies in the mobile world, what is the differences between 1G, 2G, 3G, advantages and disadvantages of each technology, air interface and a lot more about each one.

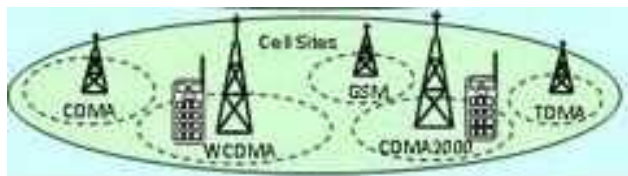
Course Objectives:

-)] Principles of Cellular Telecommunications
-)] Features of GSM
-)] GSM Network Components
-)] GSM Terrestrial Interfaces
-)] Channels on the Air Interface
-)] Radio Interface Optimization
-)] Call and Handover Sequences
-)] Introduction to Microcellular
-)] GSM Review
-)] GPRS Introduction
-)] GPRS Terrestrial Interfaces
-)] GPRS Air Interface
-)] GPRS Signaling
-)] EDGE
-)] UMTS Introduction
-)] UMTS Network Architecture
-)] UMTS Network Services
-)] UMTS Protocols
-)] UMTS Terrestrial Interfaces
-)] W-CDMA Theory
-)] UMTS Physical Layer
-)] UMTS User Equipment
-)] UMTS Radio Resource Management Functions
-)] UMTS Signaling Flow

Prerequisites:

-)] Communications Basics.

Length: 12 Days



How mobile networks work

