Course Title: Network Design and Management
Course Code: IT-3541
Course Structure: Lectures: 3 / Labs: 0
Credit Hours: 3
Prerequisites: CMP-2540 (Computer Communication and Networks)

Course Objectives:
This course is aimed to prepare students to design and manage various aspects of organizational network.

Course Syllabus:

Course Outline:
2. Characterizing the Existing Internetwork: Characterizing the Network Infrastructure, Checking the Health of the Existing Internetwork. Characterizing Network Traffic: Characterizing Traffic Flow, Characterizing Traffic Load, Characterizing Traffic Behavior, Characterizing Quality of Service Requirements. [TB1: Ch. 3, 4]
4. Designing Models for Addressing and Numbering: Guidelines for Assigning Network Layer Addresses, Designing a Model for Naming. [TB1: Ch. 6]


Textbook(s):

Reference Material: