Assignment 2
Date: Tuesday, October 2nd, 2007

Network Design Methodology
and Case Studies

Due date: Sunday, October 28th, 2007 (in class)

The objective of this assignment is to write a report about network design methodology including prerequisites, phases, guidelines, and best practices, and describe one or two case studies of how this methodology has been applied, preferably to a real life case. Each team consists of 4 to 5 students. Each student has to read one reference about the network design methodology or about a case study. Total of 4 or 5 references per team will be used. You may use any reference in the area of network design such as: books, articles, journal/conference papers, reliable web sites, etc. References should be recent, with at least two of them published after the year 2002.

Question # 1: Report (12 points)

Then, the team will submit 4-5 pages report (11-12pt font size). You need to show your own understanding of the subject (**not copy/paste**), include any references used, and refer to them as needed. You need to include one introduction and one conclusion in the report. You need also to specify at the end of the report what reference each student was responsible for. The report must be submitted as a hard copy in the class. The report will be graded based on the individual contribution as well as the team work.

Referencing Information: Copying information from the web, from other references, or from other students without proper referencing is considered cheating for all the students involved. If you are in doubt of any related matter, please contact the instructor.

It is prohibited to copy or paste text, figures, diagrams, or plots from other sources (books, articles, etc.) without referencing the original source. If you absolutely need to refer to

figures, diagrams, or plots that appear in other sources, then you should include clear reference to their authors in the caption.

"If you quote something from a reference, as it is, without any modification, then you should enclose it between quotes like in this sentence" [1]. If you include your own understanding of what has been discussed in a reference, then you do not need to include the quotes. In both cases, you need to clearly show the reference of that work [1].

A numbered list of references must be provided at the end of the report. The list should be arranged in the order of citation in text, not in alphabetical order. List only one reference per reference number. Each reference number should be enclosed by square brackets like in [1].

Question # 2: WebCT Discussion (8 points)

- Post your report in WebCT on <u>the same day of submission</u>. In addition, <u>post one question</u> (that your team has prepared) related to your report, and that other students will respond to.

  Go to Discussions on WebCT, Click on "**Assignment 2**" topic. Then, click on "Compose Message". You will get a new window. Type <u>your team name and ID in the subject</u>, attach your report as a pdf file (use the name COE-444-Assign2-<teamID>.pdf for the file), and in the message part include your question.

- Review the reports of other teams and post (individually) your comments as appropriate. <u>Respond to a minimum of three of the teams' questions</u> by **Wednesday November 7th, 2007**. Your responses should be thorough to get the full grade.

Late submission policy:

All assignments (e.g., report) submitted after the due date will have 10% of the assignment maximum grade subtracted for every late day. If the submission is one week late, the grade for the assignment will be 0. (e.g.; if you get a grade of 80% in one assignment submitted 2 days later than the due date, you'll only receive a grade of 60%)