

**COE 444 – Internetwork Design and Management
Fall 2006 (Term 061)**

Assignment 2

Date: Tuesday, October 3, 2006

**Network Design Methodology
and Case Studies**

Due date: Tuesday, October 10, 2006 (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 5 to 6 students. Each student has to read one reference about the network design methodology or about a case study. Total of five or six 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 three of them published after the year 2001.

Question # 1: Report (10 points)

Then, the team will submit 5-6 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 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.

Question # 2: WebCT Discussion (10 points)

- Post your report in WebCT on the same day of submission. In addition, post one question (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 your team name and ID in the subject, 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. Respond to a minimum of two of the teams’ questions by **Wednesday November 1st, 2006**. 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%)