

CE 203 — CIVIL ENGINEERING SYNTHESIS I — SPRING 2007

Task 1. Project description and detailed outline:

Your team will develop a project description and outline for your particular project. The detailed outline should provide a preliminary assessment of what the project will involve, what research will be done, what aspects of the project the team will look at, what alternatives will be considered, the social, economic, and global implications of the project, and how the group will present the project (see below for additional details). The detailed outline will provide a starting point for the final project report.

The outline must be posted on WebCT by 12 am (midnight U.S. central time) April 4, 2007. Once posted, the outline will be made viewable to the rest of the class. Each person in the class will review at least two other team project proposals.

Description and outline details:

With your team members, identify the following information. Some of the items may not apply to the topic you chose. If the information requested does not apply to your topic, you must note that.

- C Thorough description of the design/recommendation or project/process studied.
- C Brief summary of the situation/problem.
- C Description of the original design/recommendation or project/process
- C Overview of the available alternatives
- C Cost of design/recommendation, project/process, or alternatives
- C Technical data supporting the design/recommendation, project/process, or alternatives
- C Non-technical data supporting the design/recommendation, project/process, or alternatives
- C Explanations of all advantages and disadvantages of the design/recommendation, project/process, or alternatives
- C Graphics illustrating design/recommendation, project/process, or alternatives
- C Problems and costs of implementing
- C Estimated net savings
- C Other items of interest
- C Summary/Conclusion

The outline will be worth 25% of the team project grade.