DR. DAVID WASHINGTON
ASSOCIATE PROFESSOR

TERM PROJECT
ENVIRONMENTAL SCIENCE
CET 413

TERM PROJECTS(to be presented as noted in syllabus)

(PROJECTS ARE DUE NO LATER THAN APRIL 15TH, 2009)

I. SYNOPSIS FOR PROJECT

a. You are required to work with an Environmental Consulting group of 3-5 students. Your company is being retained to investigate environmental issues relating to construction. Your company's President must be elected from each group to outline and isolate a topic for your team.

You have hired a consultant to assist you in researching your topic (in this case - Haymwantee Singh -x8498). Her expertise is enabling you to adequately research databases and site the sources for where you have found your topic.

Your client (in this case -Prof. Washington), is willing to pay you in installments at various stages in this project. But his timeline is strict and time is of the essence. Your first submission of your **topic**, **abbreviated outline** and your **three cited sources** is due no later than Wednesday**, February 25th, 2009**.

Once your topic is approved, your First draft submission of your paper is due no later than Wednesday, **April 1, 2009**.

Your Final submission is due no later than Monday**, April 15th, 2009**.

b. Each individual in your company must be responsible for working on different parts of the project, although any part can be handled collectively. The level of participation from each participant must be clearly stated in the introduction of your report.

c. There must be **3** references and a minimum of five pages of type written text for your project.

d. All of the Teams will be required to present their work at the last day of class. All members of the group, must be in attendance during the presentation to receive full credit for their work.

NOTE: THE DEADLINE IS ABSOLUTELY THE LAST POSSIBLE DATE OF SUBMISSION - NO EXCEPTIONS

Format for Chosen Topic and Outline:
Cover Sheet
Table of Contents
Introduction or Overview
Various Sections and Headings
Conclusion
(Tabulations of all standard, equipments, codes, etc)
Bibliography and References
Appendix

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TERM PROJECT - ASSIGNMENT

INSTRUCTIONS: PLEASE FILL OUT THE INFORMATION ON THIS PAGE AND DETACH IT FROM YOUR TERM PROJECT GUIDELINES. BEFORE SUBMITTING THIS PAGE TO LIBRARIAN, PLEASE PRINT YOUR NAME AND SIGN THE BOTTOM OF THIS PAGE AT THE CONCLUSION OF YOUR LIBRARY SESSION. **(Haymwantee Singh -x8498)**

NOTE: REMEMBER THAT THIS IS A IN -CLASS ASSIGNMENT, SO EACH GROUP MEMBER MUST SHOW THAT THEY WERE ABLE TO RESEARCH SOME REFERENCE AND WERE IN ATTENDANCE DURING THE TIME SPENT AT THE LIBRARY.

WHAT TOPIC DID YOU FIND?

WHAT IS THE CITATION FOR YOUR REFERENCES?

ARE YOU WORKING IN A GROUP OR BY YOURSELF (for extra credit only)?

IF YOU ARE WORKING IN A GROUP WHO ARE YOUR GROUP MEMBERS AND WHO IS YOUR LEADER?

IF YOU ARE WORKING ALONE FOR EXTRA CREDIT, FIND 3 REFERENCES?

PRINT YOUR NAME NEATLY

SIGN YOUR NAME

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Literature Search:

Go to the library and find at least THREE references relating to the Environmental Technology and/or Construction topic and write a brief synopsis and outline about the technology/design as a case study.
(i.e. Find a environmental project in a magazine, periodical or book and mention some interesting facts about the technology or the construction of the project/facility)

The minimum requirements are:
One person should be responsible to adequately research the topic, do the citations, and outline
One person should be responsible for the write-up
One person should be responsible for the presentation and powerpoint slide

Other options for Term Project or Extra Credit

a. Find a Field Project or Case Study and do a write up on the technology/testing that was conducted on the site. Include field reports, specifications, and job descriptions, etc. (i.e. Ground Zero)

b. Similar to part d, find Codes and Specifications and do a comparison of testing equipment/ procedures between these sources/instruments (i.e. Split Spoon Sampling .vs. Geoprobe, DEP Procedures .vs. ASTM procedures for testing, etc.)

c. Create a demonstration model or experiment that explains environmental properties discussed in class or that relate to testing materials. (i.e. mixing solutes in solutions .vs. mixing colloids in solution, the electro-osmosis condition, etc.)