

CE 403

COURSE OUTLINE

Spring 2008

| Lecture No. | Date | Day | Lecture Topic |
|-------------|--------|-----|--|
| 1 | 22 JAN | T | Introduction – Objectives for Semester |
| 2 | 24 | R | Project Tracking/Periodic Project Reports |
| 3 | 29 | T | Comments - Proposals and Presentations (Ms. Cox) |
| 4 | 31 | R | Team Meetings with Abt/Thornton |
| 5 | 05 FEB | T | Guest Lecture – Dr. Luis Garcia, CEE Dept Head |
| 6 | 07 | R | Professional Societies - Dr. Criswell |
| 7 | 12 | T | Professional Issues-Benefits |
| 8 | 14 | R | Engineering Career Fair – LSC (No Class) |
| 9 | 19 | T | Guest Lecture from Industry – Mr. Chris Johnson |
| 10 | 21 | R | Engineer Career Paths |
| 11 | 26 | T | Experience as a Starting Engineer – Invited Guests |
| 12 | 28 | R | Project Site Visitation Day (No Class) |
| 13 | 04 MAR | T | Marketing of Engineering Services |
| 14 | 06 | R | Team Meetings with Abt/Thornton |
| 15 | 11 | T | Professional Issue – Employee Evaluations |
| 16 | 13 | R | Project – Group Coordination (No Class) |
| | 18 | T | Spring Break |
| | 20 | R | Spring Break |
| 17 | 25 | T | Engineering and Construction in a War Zone |
| 18 | 27 | R | Poster, Presentation & Final Report Requirements |
| 19 | 01 APR | T | Issues in the Work Place |
| 20 | 03 | R | Team Meetings with Abt/Thornton |
| 21 | 08 | T | Legal Issues on Technical Projects – David Stewart |
| 22 | 10 | R | Project – Group Coordination (No class) |
| | 12 | S | FE Examination |
| 23 | 15 | T | E-days Preparation (No Class) |
| 24 | 17 | R | E-days Preparation (No Class) |
| | 18 | F | Poster Presentations in SC Ballroom (10-3) |
| 25 | 22 | T | Guest Lecture from Industry |
| 26 | 24 | R | Project – Group Coordination (No Class) |
| 27 | 29 | T | Float |
| 28 | 01 MAY | R | Team Meetings with Abt/Thornton |
| 29 | 06 | T | Presentation Preparation (No Class) |
| 30 | 08 | R | Final Project Presentations |
| | 09 | F | Final Project Presentations |
| | 11-15 | | Final Examination Week |
| | 16 | | Engineering Commencement |

Course Instructors: Dr. Christopher Thornton, Assist Prof., Director of Engineering Research Center and Hydraulics Laboratory, 1-8394, A227 ERC
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Dr. Steven Abt, Prof., 1-8203, A223 ERC
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Ms. Amanda Cox, Ph.D. Candidate, 1-8099, A219 ERC
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Text: None

Time: T 2:10-3:00, R : 2:10- 3:00 class, 3:10 to 5:00 lab
Room: Clark A205

Grade will be comprised as follows:

| | |
|-------------------------------------|-----|
| E-Days Posters/Presentation | 20% |
| Project Presentation | 25% |
| Final Report | 35% |
| Period Project Status Reports | 10% |
| Attendance (tracked by 4-8 quizzes) | 10% |

Project Status Reports will be submitted to your project professor by the close of business on the following dates: 1 FEB, 22 FEB, 14 MAR, 4 APR, & 25 APR.

No Final Exam - Project presentations (May 8 & 9) will constitute the final meeting periods for the semester. Each team will be required to present at one of the two forums (see schedule below). Your presence is required for the entire session. You will not have to attend both sessions.

Assignments will be posted on the class Web site and are due at the beginning of the lecture on the assigned date. Solutions and class notes will NOT be posted on the web site.

Each Project Team is required to provide their client a presentation of the project findings and present them a report at their location.

CE 403 Final Report Presentations

Thursday, 8 May 08

1. Spartan Engineering
2. Element Consultants Inc.
3. Earth Smart Engineering (ESE)
4. Spectrum Engineering
5. OSG Engineering
6. Los Canteros
7. Dures Engineering
8. Bedrock & Beyond
9. Environmental Solutions

Friday, 9 May 08

- Couloir Engineering
- El Equipo
- DWSI
- Triton Engineering
- 2DKNT Consulting
- Building Horizons
- Poudre Valley Engineering
- Sheer Strength Engineering
- Venture Engineering