DEPARTMENT: ENGINEERING

<table>
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<th>COURSE #: EGN 1004L</th>
<th>1 credit</th>
<th>COURSE TITLE: First Year Engineering Lab</th>
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<td>TYPE COURSE:</td>
<td>Required</td>
<td>TERMS OFFERED: Fall, Spring, Summer</td>
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<td>CATALOG DESCRIPTION:</td>
<td>An introduction to and overview of the study and practice of the following engineering disciplines: chemical, civil, computer, electrical, industrial, and mechanical.</td>
<td>PREREQUISITES: Prerequisite: pre-engineering major</td>
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<td>COREQUISITES:</td>
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EGN 1004L First Year Engineering Lab Spring 2008

COURSE MEETINGS: Section 1 Tuesdays, 8:00 am – 10:00 am Room B135
                 Section 2 Thursdays, 8:00 am – 10:00 am Room B135

INSTRUCTOR: Dr. M. Moore, Assistant Professor, General Engineering

OFFICE: COE Room B226C (850) 410 - 6299

HOURS: Tuesdays, Thursdays 10:10 am – 11:30 am
       Other times by appointment

EMAIL/WEBPAGES: mmoore2@fsu.edu campus.fsu.edu (Blackboard site for this course)
                 webmail.fsu.edu (use to check your email)

MATERIALS: First Year Engineering Laboratory Custom Course Book.
           FAMU Catalog or FSU General Bulletin (required) Stapler (required)
           Removable Flash Drive (required)
           Blank (unlined) 4 in x 6 in Index cards
           Stapler (required)

Course Description:
An introduction to and overview of the study and practice of the following engineering disciplines: chemical, civil, computer, electrical, industrial, and mechanical.

COURSE GOALS:
The overall goal of this course is to generate and maintain interest in the engineering disciplines, in order to motivate students to become active learners, responsible students, and ethical engineering professionals.

This course is intended to introduce students not only to the engineering disciplines, but also to the study of engineering here at the COE. Each student will learn what to expect from his/her studies as an engineering major, as well as what professors expect from him/her as a student in pursuit of a technical degree.

Upon completion of this course, students should be able to define and distinguish between the six engineering disciplines offered for study here at the COE in order to make or confirm a decision regarding which field of study to enter. In addition, students will have gained useful information intended to help them successfully complete their engineering programs of choice.

In addition, it is imperative that each student is fully aware of the Pre-Engineering requirements. They appear in the required textbook, on the College of Engineering webpage, in each updated campus bulletin, and will be presented in class.
COURSE OBJECTIVES: By the end of this course, each student should be able to:

- Define engineering (a formal definition as given by ABET).
- Identify activities common to all engineering disciplines.
- Specify and define the (conventional) engineering disciplines.
- Identify activities specific to individual disciplines (technical areas).
- Identify and use strategies for success specific to engineering students.
- Use engineering codes of ethics to evaluate potential engineering situations.
- Identify and use strategies for effective written and verbal communication.
- Function as an active team member.
- Identify and use strategies useful in engaging in life long learning.
- Present and solve an engineering (or analytical) problem with an appropriate method and in an appropriate format.

GRADING POLICY: Grading is at the discretion of the instructor.

- Assignments 15%
- Mid Term Exam 25%
- Final Exam 25%
- Project 25%
- Class Participation 10%

Passing Grades: 90-100 A, 80-89 B, 70-79 C
Failing Grades: 60-69 D, < 60 F

ASSIGNMENTS: Assignments include in class activities as well as homework.

Assignments are due at the specified time, and must be completed on one side of clean, blank, white paper. Each assignment must include the student’s official name (as it appears on the course roster), submission date, and section number unless otherwise directed. Electronic submissions will be accepted on Blackboard only. Late assignments will not be accepted under any circumstances. Students will be allowed to exclude one homework assignment (not more than 10 points) from their final grade consideration.

A careful, professional presentation of assignments from each student or group is expected.

Unstapled assignments will not be accepted. Full credit will not be awarded for mediocre submissions.

Students will be allowed one week to complete missed assignments upon returning to class following an excused absence for any assignment that was not posted on Blackboard more than one week prior to its due date.

COURSE POLICIES:

All students are bound by the Academic Honor Policy of their respective universities. Violation of the academic honor code will be reported to the appropriate academic official. Penalties include but are not limited to (1) a failing grade on the assignment or exam, (2) failing course grade, and (3) dismissal from the engineering program.

Accommodations can be made for students with disabilities. These students should:

(1) Register with and provide documentation to his or her university’s disability resource center, and (2) bring a letter his or her professors indicating the need for accommodation and what type. This should be done no later than the second week of class.
All assignments will be due at the beginning of class.

Cell phones must be turned “off” or to “silent mode” during class time.

Questions, problems, and errors involving the grading of any assignment must be brought to the attention of the instructor within one week of the date the assignment was returned in class. Absence from class on the date of return of an assignment does not extend the limit. After one week the grade will be final and will not be reviewed.

Students are expected to behave in class as serious, mature, respectful adults (unless otherwise instructed). This includes but is not limited to the following:

1. No eating during class,
2. No profanity,
3. Late students should enter the lecture hall through the rear door, and
4. No hats, scarves, “hoodies”, sunglasses, other head coverings, or any combination thereof should be worn inside of the lecture hall.

Class participation is expected. Please be prepared.

All grades will be posted on the course website. Students are expected to check their grades frequently and to contest any perceived errors in a timely fashion. Students not registered on Blackboard by the drop date will receive failing grades should they remain in the class. Any problems with a student’s Blackboard access should be addressed to the

Communication and Multimedia Services Office (CMS) in the College of Engineering.

Room A332 (850) 410 – 6446 http://www.eng.fsu.edu/cms/

ATTENDANCE:

Students are expected to attend all classes. In the event of an absence, pre-engineering students should come to Room B223 to request a valid excuse. Please note that the Director of Student Health Services does not issue excuses to students. The student is given a card indicating the time of admission and discharge from the University Hospital. A report will be given the faculty member on request, indicating hour and date of treatment. A student may be permitted one unexcused absence for this semester; exceeding this may result in the student being dropped from the class and receiving a grade of “F” as allowed by university policy (FAMU). A student reported for excessive absence in any course may be required by the academic dean to drop the course with the grade of “F” (FSU). Students remain responsible for all assignments, quizzes, and examinations in the case of excused or unexcused absences. It is the policy of this instructor that leaving class early will constitute an unexcused absence.

EXAMS (50%):

Two exams will be given in this course, each of which will count as 25% of the final course grade. Makeup exams will not be given under any circumstances.

Mid Term Exam (25%) March 7, 2008 (Week 9)
March 9, 2008 (Week 9)
Final Exam (25%) April 21, 2008
Morning exams, times to be announced.

Exam dates will not be moved. Do not plan to travel on or near exam dates. Students with unexcused absences will not be permitted to make up exams. (An airline ticket does not constitute a valid excuse.)

Exams begin promptly. Students who arrive more than 10 minutes late to class on an exam day will not be permitted to take the exam. There will be no exceptions.