

**King Fahd University of Petroleum & Minerals
College of Computer Sciences and Engineering**

COE 485 – Senior Design Project (1-6-3)

M: 1:10-2:00 PM, Room: 24-162 (Section 02)

Spring 2007 (Term 062)

Syllabus

Catalog Description

This course is designed to give students the experience of tackling a realistic engineering problem. The intent is to show how to put theoretical knowledge gained into practical use by starting from a word description of a problem and proceeding through various design phases to end up with a practical engineering solution. Various projects are offered by COE faculty in their respective specialization areas. The project advisor guides the student in conducting feasibility study, preparation of specifications, and the methodology for the design. Detailed design and implementation of the project are carried out followed by testing, debugging, and documentation. An oral presentation and a final report are given at the end of the semester.

Prerequisite: Senior Standing.

Instructor: Dr. Mohammed Houssaini Sqalli

Office: 22-149 **Phone:** 1725 **Email:** sqalli@kfupm.edu.sa

Office hours: SM 11:30AM-1:00PM (excluding prayer time), SM 6:30-7:00PM,
and by appointment.

Course URL: <http://www.ccse.kfupm.edu.sa/sqalli/062/coe485>

Reference Book:

Robert Angus and Norman Gundersen, “Planning, Performing, and Controlling Projects: Principles and Applications”, Prentice-Hall, First Edition, 1997.

Also MS Project has a very useful help and tutorials in Project Management.

Grading Policy:

Attendance	5%
Proposal and action plan	5%
Progress report	5%
Demo of the first prototype	10%
Report and user manual	25%
Final demo of the system	30%
Presentation	20%

Attendance: Attendance is required by all students. Official excuse for an authorized absence from the student affairs deanship must be presented to the instructor no later than one week following the absence. More than 3 unexcused absences lead to a “DN” grade.

5 points will be given for attendance:

- The first absence and the first late attendance do not affect the attendance points.
- For each subsequent absence, 1 point is deducted from the attendance points.
- For each subsequent late attendance, 1/2 point is deducted from the attendance points.

Support Material: Check web links and references for more in-depth information. The course page on WebCT will be updated frequently to include all the information you need. If you think any links will be useful to all the COE-485 students, please let me know and I may include them in the “Useful Links” list.

General Information & Rules:

Office hours are the best time to contact me. Otherwise, you may arrange for another time by sending me an email with the suggested time and duration. During the exam periods, I may limit the duration for each student to allow more students to benefit.

“Cheating, or attempting to cheat, or violating instructions and examination regulations shall render the offender subject to punishment in accordance with the Students Disciplinary Rules as issued by the University Council (A38).” taken from the KFUPM “Academic Regulations” document.

Copying information from the web (for projects/assignments) or from other students is considered cheating for all the students involved. If you are in doubt of the type of cooperation permitted, please contact the instructor.

In connection with the progress and final reports, it is prohibited to copy or past text, figures, diagrams, or plots from other sources (books, articles, etc.) without referencing the original source. If you absolutely need to refer to figures, diagrams, or plots that appear in other sources, then you should include clear reference to their authors in the caption. An ‘F’ grade will be given to the student if this rule is not observed.

Late Submission of Assignments: All assignments (e.g., progress 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%).