

King Fahd University of Petroleum and Minerals
College of Computer Sciences and Engineering
Department of Computer Engineering

COE 390 Seminar (1-0-0)

Instructor: Dr. Marwan Abu-Amara
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Term: 051 (1st term 2005–2006)
Day & Time: M 12:00 PM – 12:50 PM
Location: 22-130
Prerequisite: Junior standing
Office Hours: SMW 10:30 AM – 11:30 AM (or by appointment)
Web Site: <http://www.ccse.kfupm.edu.sa/~marwan>

Goals:

1. To teach students the nature of engineering as a professional
2. To teach students the ethical and professional responsibility of engineering in the society
3. To improve students' technical and professional communication skills
4. To introduce students to different professional societies and organizations worldwide

Grading:

Attendance and class participation: **30%**
Attendance of two seminars: **10%**
Attendance of one senior design project presentation: **05%**
Preliminary presentation by the student: **10%**
Final presentation by the student: **45%**

Letter Grades will follow KFUPM grade standard.

References:

1. Bowyer, K., "Ethics and Computing," Wiley-IEEE Press, 2000.
2. Johnson, D., "Computer Ethics," Prentice-Hall, 2000.
3. Kizza, J., "Ethical and Social Issues in the Information Age," Springer, 2002.
4. Kroehnert, G., "Basic Presentation Skills," McGraw-Hill, 1999.
5. Qubein, N., "How to be a great communicator: In Person, on Paper, and on the Podium," John Wiley & Sons, 1996.

Article Selection:

Each student will select an article for presentation in the class. Articles should be related to computer engineering and should be 4 pages or more. Recent (last three years) issues of the following publications may be used. Other sources may not be used except with the explicit approval of the instructor.

- IEEE Spectrum
- IEEE Computer Magazine
- Communications of the ACM
- IEEE Network Magazine
- Scientific American ACM, IEEE, SIAM, AT&T or IBM journal articles.

Important: The deadline for selecting the article is **Monday October 3rd, 2005**.

Student Presentations:

Each student will be scheduled to give two presentations, which will be evaluated by the instructor. The preferred medium for presentations is a PC/projector combination. The first (preliminary) presentation will last 5 minutes, in which the student will describe briefly what topic he selected, and for what reason. The second (final) presentation will last 10 minutes, in which the student will explain the contents of the selected article. **All presentations must be your original work!**

COE 390 Planned Activities

Date	Activity
September 12, 2005	Organizational meeting.
September 19, 2005	How to prepare & present a seminar.
September 26, 2005	Professional Ethics.
October 03, 2005	Deadline for article selection.
October 10 – 24, 2005	Preliminary student presentations.
November 14 – December 26, 2005	Final student presentations.