

**KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS  
ELECTRICAL ENGINEERING DEPARTMENT**



**EE410 DIGITAL IMAGE PROCESSING**

**Class Guidelines and Regulations**

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Students are expected to follow the class guidelines in order to excel in this course:

**Attendance**

- You should be in class on time. No late comers are welcome because they disturb the class.
- You are expected to attend all lectures.
- One point will be taken from your grade for each absence.
- Official excuse for an absence should be communicated to me within a week.
- If the total number of unexcused absences is more than 20% (i.e., 9 classes) you will be given a DN grade and will not be allowed to continue in the course.

**Participation**

- You are encouraged to participate in the class discussions.
- You are encouraged to ask any question, or ask me to clarify any part at any time.
- You should be alert to answer questions I raise in class.
- Participation in classroom can affect your final score by up to  $\pm 2$  points.
- Participation in WebCT is also recommended, where I will monitor your discussion on the web.

**Computer Assignments**

One of the most important activities of the course is the computer assignments. It is the nature of this course that you will like it and perform well in it if you do and understand these assignments. Thus, they need to be done as follows:

- There will be 5 computer assignments during the semester that count for 25% of the course grade.
- The assignments will be distributed at least a week before the due date.
- No late reports will be accepted.
- Copying or cheating from others will be treated harshly according to the university regulations.
- You may do the assignments using MATLAB, any programming language, or other packages.
- Your grade for each assignment will be based on:
  - 25% Completing what is required in the assignment.
  - 20% Including all figures, images, plots, etc., with correct labels and units.
  - 15% Documenting your program, i.e., inclusion of comments between program steps.
  - 30% Summarizing, interpreting, and commenting on the results obtained.
  - 10% Presenting an overall organized well-written report.
- Failure to submit any two computer assignments **lowers** the final grade by one letter.
- A research assistant is assigned to help in this course, especially with the computer assignments.
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## Homework

- The homework problems listed in the syllabus will not be collected. However, the solutions will be posted electronically.
- There will be three special homework assignments that need to be submitted as instructed.
- You may see me for help, or discuss with your friends the HW problems. However, you cannot copy the work of others. You must write your own work without looking at anybody's work.
- Late assignments will **NOT** be accepted.
- All problems will be graded.
- Make sure to re-do all problems for which you have lost points, until you are 100% sure.
- Some of the HW problems will appear in exams.
- Many students think that reading the homework solutions is sufficient for understanding the material and preparing for the tests. This is misleading. Even though the solution looks trivial, you need to try and practice the problem fully before looking to its solution.

## Quizzes

- There will be about eight (8) quizzes that are announced at least during the previous class period.
- Each quiz will be 5 to 10 minutes long at the beginning or end of the class.
- Quizzes will be based on the HW and the textbook problems.
- Quizzes are closed book and closed notes, but open mind.
- No make-up for quizzes, however, if the absence is official I will count the one attended.

## Midterm Exam

- There will be two major exams
- The material covered up to the week before this date will be included in the exam.
- There will be **No** make up for the exam.
- The exam weighs 30% of the course grade.

## Final Exam

- There will be a final exam whose date is as scheduled by the Registrar.
- It will be a comprehensive exam covering the whole course material.
- The weight of the final exam is 30% of the course grade.

## Grade Distribution

The final grade for the course will be computed according to the following percentages:

- 15%    2% Class participation, 3% Homework, 10% Quizzes, excluding lowest quiz score
- 25%    Computer Assignments
- 30%    Two major exams
- 30%    Final exam score
- -1%    For each unofficial absence

## Academic Dishonesty

- According to the university regulations, if any student is discovered for any instance of academic dishonesty, the instructor could give a failing (F) grade and report the case to the administration for further disciplinary actions.

## You should expect from me:

- Providing the course material and all communications on WebCT. There will be a minimal use of papers.
- The utmost effort to explain and delivering the course material inside and outside the class.
- The utmost effort to make the course very interesting and appealing.
- The availability for help, assistance, and cooperation as needed.
- Providing you with any additional material to the textbook, as needed.
- The Solution of all problems required in the course or requested by you.
- Encouragement and motivation to ask me any question or give more clarifications.
- Feedback on your performance in the course so that you can make up for the shortcomings.
- Fairness in treatment, grading, and evaluation.