Instructor: S. K. Dhall, #231 DEH, Tel: 325-2972

Office Hours: 11:00am – 12:00 noon, Monday, Wednesday


Course Outline: Chapters 1-7 of the Text plus topics from the remaining five Chapters of the text and other topics of interest.

Prerequisites: Should have good programming background in C/C++ (CS2413), and good knowledge of Linear Algebra (Math 3333).

Homework: Homework will consist of problem solving and programming projects. All Homework must be turned in when due. Homework submission will be electronic through dropbox on D2L. All homework must be typed. Late work will be subject to penalty.

Objectives: At the conclusion of the course, the students will have an ability to apply knowledge of computing and mathematics appropriate to the discipline

Mid-term Exam: To be announced (Tentative date: October 25)

Final Exam: December 11, 2013 (8:00 am)

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>50%</td>
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<tr>
<td>Midterm Exam</td>
<td>20%</td>
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<tr>
<td>Final Exam</td>
<td>30%</td>
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Grade A: 90% or more
Grade B: 80% or more but less than 90%
Grade C: 70% or more but less than 80%
Grade D: 60% or more but less than 70%
Grade F: Less than 60%

A good way to learn the material is to explain it to someone else, so student-student discussion is encouraged. Student conversation is a valuable tool in suggesting different approaches to problem solution. However, since a grade must be assigned to each student that reflects the individual's mastery of the subject, and not the communication talent, the work you turn in must be your own. COLLABORATION IS NOT ALLOWED, AND WHEN DISCOVERED, WILL BE
REPORTED TO THE APPROPRIATE AUTHORITIES TO BE DEALT WITH ACCORDING TO UNIVERSITY REGULATIONS.

Since this is a combined class for graduate and undergraduate students, graduate students will be required to do additional work from time to time. The exams for undergraduate and graduate students will also be different.

ANY STUDENT IN THIS COURSE WHO HAS A DISABILITY THAT MAY PREVENT HIM/HER FROM FULLY DEMONSTRATING HIS/HER ABILITIES SHOULD CONTACT ME PERSONALLY AS SOON AS POSSIBLE SO WE CAN DISCUSS ACCOMMODATIONS NECESSARY TO ENSURE FULL PARTICIPATION AND FACILITATE YOUR EDUCATIONAL OPPORTUNITIES.

The College of Engineering utilizes student ratings as one of the bases for evaluating the teaching effectiveness of each of its faculty members. The results of these forms are important data used in the process of awarding tenure, making promotions, and giving salary increases. In addition, the faculty uses these forms to improve their own teaching effectiveness. The original request for the use of these forms came from students, and it is students who eventually benefit most from their use. Please take this task seriously and respond as honestly and precisely as possible, both to the machine-scored items and to the open-ended questions.

Accommodation based on religion

It is the policy of the University to excuse absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and additional required class work that may fall on religious holidays.

Please let me know much in advance if you would be availing of this opportunity.