COURSE OBJECTIVES

This is a course designed to prepare students for use of essential mathematical concepts and techniques for Electrical and Computer Engineering applications. It includes basics of Complex Analysis, Differential Equations and Laplace Transforms.

INSTRUCTORS

<table>
<thead>
<tr>
<th>Lecture Section</th>
<th>Instructor</th>
<th>Office</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEC01 and LEC03</td>
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<td>Sean Uppal</td>
<td>PG 112</td>
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TEXTBOOK

The required book for this course is:

Dennis G. Zill and Warren S. Wright, Advanced Engineering Mathematics, 5th Ed
Joness and Bartlett Publishers.

COURSE MARKS

Final Exam - 40%, Midterm - 30%, Best 8 out of 10 marked quizzes 30%.

MIDTERM

- There will be one 110 minute Midterm exam on Oct. 27. Details will be posted on the course Blackboard website before the exam date. Please note: there will be no make-up exam.

TUTORIALS, HOMEWORK PROBLEMS AND QUIZZES

- Tutorials will be two hours long and are held weekly, and will start the week of September 21th.
- In the first part of the tutorials, you’ll discuss the assigned problems for that week with the teaching assistant. It is essential for your success in the course, and for your learning experience, that you work through all the homework problems assigned that week before coming to the tutorials. There will be a quiz at the end of every tutorial consisting of two problems identical or close to ones from the homework set. There will be no make-up quizzes offered.

WEEKLY READING ASSIGNMENTS

- In each week’s problem set a reading assignment will be included. The lectures in this course are designed to complement the textbook, so not every detail of the material which you are responsible for will be discussed in lectures. Make sure you work through the assigned sections of the book.
- The weekly readings will also help you keep up in this course, which covers a great deal of material. It is a small investment that will make a big difference when you go to write your quizzes, midterm, and final exam.

COURSE WEBSITE

The course Blackboard website is accessible through the main UofT portal. Most of the communication, handouts, and homework assignments we’ll have will be posted there. From time to time, your instructors or TAs may wish to contact you with announcements via email. You are required to maintain a working utoronto.ca email address for this course. It is crucial that your email on ROSI (which appears on Blackboard) is a utoronto.ca email address.

PHONES MUST BE TURNED OFF DURING LECTURES!