

MATH 6701  
**Math Methods of Applied Sciences I**  
 Fall 2016

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General Information:

**Lectures:** MW 3:05-4:25 at Klaus 1456

**Instructor:** Xu-Yan Chen

Office Hours: MWF 1:05-1:55 at Skiles 243A

**xc4@mail.gatech.edu**

Phone: (404) 894-4570 and Fax: (404) 894-4409

**Class Webpage:** <http://people.math.gatech.edu/~xchen/6701-2016fall/>

**Course Policies:** <http://people.math.gatech.edu/~xchen/6701-2016fall/syllabus.html>

**Gradebook & Class E-mails:** <http://t-square.gatech.edu/>

**Online Discussion Forum:** <https://piazza.com/gatech/fall2016/math6701/home>

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Textbook:

**Advanced Engineering Mathematics (4th or 5th edition)**, by Dennis G. Zill and Warren S. Wright, Jones and Bartlett Publishers.

**Webnotes:** by Gunter Meyer at <http://www.math.gatech.edu/~meyer/MA6701/>

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Exams and Grades:

There will be 4 examinations in total, consisting of 3 midterms and a comprehensive final.

**EXAM SCHEDULE:**

	Section A	Section Q
<b>Midterm 1</b>	September 19 (Monday) 3:05-4:25pm	On or before September 26 (Monday)
<b>Midterm 2</b>	October 17 (Monday) 3:05-4:25pm	On or before October 24 (Monday)
<b>Midterm 3</b>	November 9 (Wednesday) 3:05-4:25pm	On or before November 16 (Wednesday)
<b>Final</b>	December 9 (Friday) 2:50pm-5:40pm	On or before December 16 (Friday)

For exam coverage and practice problems, see the webpage:

<http://people.math.gatech.edu/~xchen/6701-2016fall/>

**GRADING SCALE:**

Your course average = 30%\*(Best Midterm) + 25%\*(Second Best Midterm) + 5%\*(Lowest Midterm) + 40%\*(Final)

The grading scale will be:

<b>Score</b>	90-100	80-89.999	70-79.999	60-69.999	0-59.999
<b>Letter Grade</b>	A	B	C	D	F

**T-SQUARE:** The official record of your exam scores will be posted on [T-Square](#). I may also use the class mailing list on [T-Square](#) to make announcements. Please make sure that your [T-Square](#) account is correctly set up.

**NO MAKE-UP EXAMS!** In general, no make-up exams will be given and any missed exam results in a "0" score. If you have a valid reason to request a make-up exam, please contact me as early as possible.

**CHEAT-SHEET:** In each exam, you can bring one sheet of note. You can use both front and back. The size of the paper should not exceed Letter Size and the note has to be hand-written by yourself. No Copies! This note will be collected with your answers. All other notes, books or calculators are not allowed.

**REGRADING REQUEST:** Any regrading request should be submitted to me, with the graded exam in the original unaltered form and a note on a separate piece of paper explaining the reason, within two weeks of the date the exam was returned. Please do not write ANYTHING on the graded exam.

**Students with Disabilities and/or in need of Special Accommodations:** Georgia Tech complies with the regulations of the Americans with Disabilities Act of 1990 and offers accommodations to students with disabilities. If you are in need of classroom or testing accommodations, please contact [the ADAPTS office](#). Please also make an appointment with me to discuss your accommodation, if necessary.

**HONOR CODE:** All students are expected to comply with the Georgia Tech Honor Code. Please review [the Student Code of Conduct](#).

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#### Exercises:

I strongly suggest you to solve all of the assigned exercises. In order to get a good understanding of the course material, the minimum work you need to do consists of three parts: read text, review the examples discussed in the classes, and solve ALL exercise problems. Exercise assignments can be found in the webpage

<http://people.math.gatech.edu/~xchen/6701-2016fall/>

**Online Discussion Forum:** I have created a class page on Piazza.com, which provides a free online forum for course-related discussions. The system is highly catered to getting your help fast and efficiently from classmates, the TA, and myself. Rather than emailing questions to the teaching staff, I encourage you to post your questions on Piazza if your questions have nothing to do with your privacy. Everyone in class should feel absolutely free to ask questions, discuss, help, comment, explore, and exchange ideas on Piazza. You can find our Piazza class page at:

<https://piazza.com/gatech/fall2016/math6701/home>

If you have any problems or feedback for the developers of Piazza, email [team@piazza.com](mailto:team@piazza.com)

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#### Suggestions/Comments:

If you have any suggestions or comments, which you feel are helpful to the course, I would be very happy to hear from you.

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File URL: <http://people.math.gatech.edu/~xchen/6701-2016fall/syllabus.html>

[xc4@mail.gatech.edu](mailto:xc4@mail.gatech.edu)