

# MATH 151 - Engineering Mathematics I - Fall 2012

## Course Information

**Instructor:** Bangti Jin

**Office:** BLOC 615

**Email:** [btjin@math.tamu.edu](mailto:btjin@math.tamu.edu)

**Office hours:** Monday 2:00 - 3:30 pm, or by appointment

**Course webpage:** <http://www.math.tamu.edu/~btjin/>

**Prerequisites:** MATH 150

**Class time & location:** Sections 513, 514, 515, MWF 11:30 - 12:20 pm, HELD 113

Sections 821, 822, 823, 824, MWF 10:20 - 11:10 am, HELD 113

**Textbooks :**

- J Stewart, Calculus: Early Vectors, Brooks Cole, 1999, ISBN: 113344427x. The book may be purchased in electronic format along with WebAssign.
- A Gilat, MATLAB: An Introduction with Applications, 4th Edition, Wiley, 2010

### Course description:

This is the first course in calculus, it covers sections 1.1-6.3 of Stewart's Calculus, in particular, rectangular coordinates, vectors, analytic geometry, functions, limits, derivatives of functions, applications, integration, computer algebra.

### Common Exams and Homework:

There will be three common exams scheduled on September 27, October 25 and November 27, from 7:30 pm – 9:30 pm. Bring your picture ID to the exams. Homework will be assigned through WebAssign online system every week. For more information regarding online homework visit <http://www.math.tamu.edu/courses/eHomework/>. Please access WebAssign through this link. Suggested homework from Stewart is for practice and will not be graded.

### Makeup policy:

Make-ups for missed exams will only be allowed for a university approved excuse in writing. Wherever possible, students should inform the instructor before an exam is missed. Consistent with University Student Rules, students are required to notify an instructor by the end of the next working day after missing an exam. Otherwise, they forfeit their rights to a make-up.

### Grading policy:

Your grade will be determined by three exams, a cumulative final exam, and a laboratory grade. The weights of each if these are as follows:

- average of exam 1, 2 and 3 = 50%
- lab/homework grade = 25%, where the homework counts 5%

- final exam = 25%

The final letter grade will at least be as generous as follows: A: 90 – 100%; B: 80 – 89%; C: 70 – 79%; D: 60–69%; F: 0 – 59%.

Any request for re-grading of a test must be done within one week of the day on which it is returned to you. You can not make any change on the problems that need to be re-graded.

**Getting help:**

You are encouraged to ask questions both in class and outside of it. I am available to answer questions in office hours and by appointment. You may also contact me via email with you questions.

Help sessions: <http://www.math.tamu.edu/courses/helpsessions.html>

Week in review: <http://www.math.tamu.edu/courses/weekinreview.html>

Computer help sessions: <http://www.math.tamu.edu/courses/calclabhelp.html>

Free tutoring service: <http://tutor.tamu.edu/>

Old exams: <http://www.math.tamu.edu/courses/math151/common-exams>

**Attendances:**

Attendance is required for each regularly scheduled class, recitation or lab sessions. If you have to miss the class you are solely responsible for studying the material you missed. To find out what you missed contact other students in the class. For absence related to injure or ill-ness, students who are absent from the class for three or more days should provide the instructor with confirmation from a medical provider for an excused absence. There will be a student sign-up during the class.

**Honor code:**

“An Aggie does not lie, cheat, or steal or tolerate those who do”. The Honor Council Rules and Procedures are found on the web (<http://www.tamu.edu/aggiehonor>).

**Copyrights:**

All printed handouts and web materials are protected by US copyright laws. No multiple copies can be made without written permission from the instructor.