Welcome to Sections 510, 511, 512, MWF 01:50 – 02:40 pm, HELD 111

About your instructor:

Name: Tamás Erdélyi
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Office Hours (in Milner 308):

Monday 10:00 – 11:30 am, Wednesday 10:00 – 11:30 am, and by appointment.

Weekly Recitations and Computer Labs (conducted by Niyazi Gezer):

- Section 510: Tuesday 09:35 – 10:25 am (C E 134), Thursday 09:35 – 10:25 am (BLOC 123)
- Section 511: Tuesday 03:55 – 04:45 pm (C E 223), Thursday 03:55 – 04:45 pm (BLOC 124)
- Section 512: Tuesday 05:30 – 06:20 pm (BLOC 160), Thursday 05:30 – 06:20 pm (BLOC 124)

Textbook (Required Purchase):

- *Calculus: Early Vectors*, by Stewart et al; published by Brooks/Cole.
- *MATLAB: An Introduction with Applications*, fourth edition, by Amos Gilat, published by Wiley. You will also benefit from the assistance of our MATLAB help session staff.

Web Page for Math 152:

- http://calclab.math.tamu.edu/docs/math152/

Help Session and Weekly Review Session Schedule:

- http://www.math.tamu.edu/courses/helpsessions.html
- http://www.math.tamu.edu/courses/weekinreview.html

Course Description:

- Credit 4. The course will cover techniques of integration and applications of integration, such as area, volume, arc length, work, and enter of mass. The course also covers analytic geometry, vectors, improper integrals, approximate integration, sequences, series, Taylor series, and computer algebra. The course meets three times a week in lecture with your professor and twice a week in recitation with your lab instructor/teaching assistant (TA). One of your recitation meetings is designed to discuss questions over homework or lecture. The other recitation meets in the computer laboratory using the computer package MATLAB. The goal of the computer laboratory portion of the course is to show how problems that are too difficult to solve by hand, can be solved with the help of the computer. The prerequisite for this course is Math 151 or equivalent.

Concerning Tests:

Exam I: Thursday, September 27, 07:30 – 09:30 pm
Exam II: Thursday, October 25, 07:30 – 09:30 pm
Exam III: Tuesday, November 27, 07:30 – 09:30 pm

Final Exam: Tuesday, December 11, 03:30 – 05:30 pm

• Exams I, II, and III will be common to *all* 152 students. Rooms will be announced later on the web page for Math 152. The final examination (*not* a common exam) will be given in this class-room (HELD 111).

Sample Exams:

• Common exams given in earlier semesters are available on the web page for Math 152. These may give you a hint about the level of difficulty of the common exams you can expect this semester.

Grading Scheme:

• Exams I, II, and III will be worth 50% of the course grade altogether. The final will account for 25%. Laboratory grades will make up the remaining 25%. Short quizzes may be given in lecture several times throughout the semester and hence attendance may play a role in deciding borderline grades. The final will be a "no calculator exam" containing problems very similar to those your instructor has worked out in his lectures. The increased weight of the final exams reflects the cumulative nature of the course. The laboratory grade will be determined by quizzes/homework (40%), computer assignments (40%), and on-line homework (20%).

• The standard grade scale is the following: $[90, \infty) \to$ A, $[80, 90) \to$ B, $[70, 80) \to$ C, $[60, 70) \to$ D, $[0, 60) \to$ F.

Weekly Quizzes:

• Weekly quizzes will be administered, which cover the previous week's material, as your recitation instructor schedules it. It is imperative that you stay caught up with the suggested homework.

Weekly MATLAB Assignments:

• Each week, starting week 2, a MATLAB assignment will be due. Any questions about these assignments should be addressed to your recitation instructor. Visit the link below for the schedule:

• http://www.math.tamu.edu/courses/math152/matlabsched.html

Homework:

• A weekly course schedule, a suggested computer lab schedule for MATLAB, and a list of suggested homework problems may be found at the web page for Math 152.

• The instructor will do his best to keep the weekly schedule in his lectures. Every week students are supposed to write the solutions down to the homework problems related to the topics covered by the instructor in his lectures that week. It will help you prepare for the examinations and will reflect your understanding of the material. Your solutions to the homework problems will not be collected and graded by your lab instructor, but the quiz questions must be quite similar to some of the questions on the list of suggested homework problems.

• On-line homework is required in all math 152 classes. These on-line homework assignments can be accessed anytime of day or night, from any computer with a connection to the internet and a web browser. Any technical questions about on-line homework should be addressed to your recitation instructor. All information regarding online homework can be found at

• http://www.math.tamu.edu/courses/eHomework/

Make-ups:

• Make-ups for exams and quizzes will only be given with documented University-approved excuses (see University Regulations).

Scholastic dishonesty will not be tolerated:

• Any instance of scholastic dishonesty will be handled as consistent with University Regulations.

Copyright Statement:

• Please, note that all written and web materials for this course are protected by copyright laws. You can xerox (or download) one copy for your own use, but multiple copies are forbidden.

Americans with Disabilities Act (ADA) Policy Statement:

• The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845-1637.

Academic Integrity Statement:

• http://www.tamu.edu/aggiehonor