Welcome to
MATH 151 – ENGINEERING MATHEMATICS I
Sections 501 – 503, TR 11:10 am – 12:25 pm, HELD 113

About your instructor:
Name: Tamás Erdélyi
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Office Hours (in Milner 308):
Monday: 10:20 – 11:40 am, Friday: 10:20 – 11:40 am, and by appointment.

Weekly recitations and computer labs (conducted by Richard Lovering):
• Section 501: M 12:40 – 1:30 pm (ENPH 206), W 12:40 – 1:30 pm (BLOC 125)
• Section 502: M 1:50 – 2:40 pm (CE 203), W 1:50 – 2:40 pm (BLOC 130)
• Section 503: M 10:20 – 11:10 am (ZACH 105C), W 10:20 – 11:10 am (BLOC 130)

Textbook (Required Purchase):
The computer laboratory will also use
• CalcLabs with Maple, by Barrow et al; also published by Brooks/Cole.

Web Page for Math 151:
• The Mathematics Department has a web page for Math 151. Its URL address is http://calclab.math.tamu.edu/docs/math151/

Help Session and Weekly Review Session Schedule:
• See the web page for Math 151.

Course Description:
• Credit 4. This course will cover vectors in two dimensions, differentiation and integration of functions of one variable, and applications such as work, velocity/acceleration, optimization (max/min), and curve sketching. The course meets twice in lecture and twice per week in recitation. One of your recitation meetings is designed to discuss questions over homework or lecture. The other recitation meets in the computer laboratory where the computer package Maple will be introduced. The goal of the 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 either Math 150 (precalculus) or a good high school mathematics background that includes algebra II, analytic geometry and trigonometry.

Concerning Tests:
• Exams I, II, and III will be common to all 151 students. Rooms and times will be announced later on the web page for Math 151. The final examination (not a common exam) will be given in this class-room (HELD 113) on December 12, Friday, 3:00 – 5:00 pm.

Sample Exams:
• Common exams given in earlier semesters are available on the web page for Math 151. These may give you a hint about the level of difficulty of the common exams you can expect this semester.

Grading Scheme:
• Exams I and II will be worth 15% of the course grade, while Exam III counts for 20%. The final will account for 25%. Lab grades will make up the remaining 25%. Attendance in lecture will be recorded several times throughout the semester and will play a role in deciding border-line 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 weights of the third and final exams reflect the cumulative nature of the course. The laboratory grade will be determined by quizzes (60%) and computer assignments (40%).
• The standard grade scale is the following: ≥ 90 → A, ≥ 80 < 90 → B, ≥ 70 < 80 → C, ≥ 60 < 70 → D, < 60 → F.

Homework:
• A weekly course schedule and a list of suggested homework problems may be found at the web page for Math 151.
• 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. This practice is strongly recommended because 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.

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.

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