MATH-1205, CRN: 98288
DIFFERENTIAL CALCULUS
Fall 2010, M W F: 11:15 AM - 12:05 PM / MCB-308

Course Contract

Instructor: Mohamed BEN ROMDHANE
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Office hours: M W: 12:15 PM – 2:15 PM, and other time by appointment.
Web: Course web page: http://www.emporium.vt.edu/math1205/index.html
Personal home page: http://www.math.vt.edu/people/mbenromd/index.html
Scholar: http://scholar.vt.edu/portal


Prerequisites: You must have one of the following:
• a grade of B or better in Math 1015 or Math 1016
• two units of high school algebra, one unit of geometry, ½ unit each of trigonometry and
  pre-calculus AND placement by the Mathematics Department
• a passing grade on the Calculus Readiness Exam

Course Content
We will cover the material listed on the course syllabus. Any changes will be announced in
class. Each student is responsible for taking weekly on-line quizzes and completing assigned
homework.

Course Format
Lecture classes will meet on Mondays, Wednesdays and Fridays from 11:15 am – 12:05 pm.
Class attendance will be taken and recorded. We may use Mathematica as a tool for analyzing
problems and for visualizing and experimenting with data, functions and graphs.

• HW: Written homework assignments are posted on the course web page: http://www.emporium.vt.edu/math1205/resources/homework. Certain assignments will be collected and graded (without previous announcement). Students may work together on daily homework, but each student has to return his or her own material; copying of work is not permitted.
- **In-class Quizzes**: There will be in class quizzes, which may be announced or unannounced. In-class quizzes will be given occasionally on the material covered in the homework.

- **On-line Quizzes (Emporium Quizzes)**: They are required. The syllabus shows the deadlines for each one. For further information, see the course web page. Your lowest “On-line Quizzes” grade (except the grade of Quiz 1) will be dropped, so you should note that Quiz 1 will **NEVER** be one of the ones dropped.

**Note**: No late papers (including quizzes and homework) will be accepted. A grade of zero will be assigned for any paper not on time. However, your lowest homework grade and your lowest in class-quizzes grades will be dropped.

**Attendance**

Attendance will be recorded during each lecture. Attendance does not count as part of the grade; but you are responsible for any announcements made in class, and for any material and assignments missed.

**Tests**

There will be 3 common-time tests which are (tentatively) scheduled for:

1. 7:00pm, 15 September 2010
2. 7:00pm, 27 October 2010
3. 7:00pm, 01 December 2010

The common final exam will be Friday, 10 December 2010, 4:25 pm – 6:25 pm. The locations for the tests and for the final exam will be announced on the Math 1205 web page. Typically, they will not be the same as our lecture class.

**Note**: You must take tests on the specified date. Makeup will otherwise not be given unless the Dean of your college provides a letter documenting an excused absence. In this case, an alternative starting time for the exam later in the evening, usually 8:15 pm, will be provided. Failing this, (again, with a documented excuse), individual arrangements may be made with your instructor. Do NOT take this lightly.

Note also that the final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules and with classes and exams at other colleges.
Grading

- On-line Quizzes: **15%**
- HW/In-class Quizzes: **20%**
- Tests (3): **45%** (15% each test)
- Final Exam: **20%**

A 90% will guarantee an A-, 80% a B-, 70% a C-, 60% a D-. Plus and minus grades will be assigned at my discretion.

Honor System

You must abide by the Virginia Tech Honor Code for all graded work. See the following webpage for further information about your responsibilities:


Important

If you are not on the official class roll, you are not in the class. It is your responsibility that you are properly enrolled in the class section you attend. It is easy to verify. For no foreseeable reason (computer and/or registrar personnel mistakes included) will you be allowed to stay in the wrong section. Your work will not be graded and returned. Simply attending a section will NOT entitle you to be placed on its roll.

If you need adaptations or accommodations because of a disability, please make an appointment with me as soon as possible.

Laptops should be closed during class sessions.

Check Scholar for announcements; and read the announcements on the 1205 webpage, regularly.