2014

MATH 150-02 Elements of Calculus I

Hem Joshi

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Elements of Calculus I  
Math 150-02, Fall 2014


Place and Time: Hailstones Hall 7, MWF 9:00 - 9:50 AM  
Instructor: Hem Joshi (joshi@xavier.edu)  
Website:  www.cs.xu.edu/~joshi/  
Office: Hinkle 106 (Tel: 745 4277)  
Office hours: T 8:00-11:00, F 10:00 – 11:00 or by an appointment (open door)

This course will cover most of chapters 1-5.

Prerequisite: Math 120 or its equivalent. You should be familiar with the graphs and basic properties of linear, quadratic, cubic, exponential and logarithmic functions. You should also be able to do routine algebra when necessary.

Goal and outcomes: My students will:

- be able to analyze and interpret quantitative data, mathematical model, and graphs
- be an effective communicator (in writing and orally)
- be able to use appropriate technology and make informed decisions
- be able to utilize mathematical and logical reasoning and the language of mathematics in you field of interest.

Calculator: TI 83 plus

Your final grade will consist:

Quizzes 100 points  
Homework 100 points  
In Class Examinations (three) 300 points  
Comprehensive Final Examination 200 points

Grading scale: 90-100 (A)  80-89 (B)  70-79 (C)  60-69 (D)  < 60 (F)

Quizzes: There will be 6-8 short quizzes (15-20 minutes) during the semester and there will be no make up quiz but I will drop the two lowest quiz grades while calculating your final grades.

Homework: Homework assignments must be neat, legible and stapled. Be aware that I will not accept any loose pages or sloppily prepared work. During the semester homework will be assigned at the end of every section completed (may be every meeting) except the last week of the class. I will collect at least six homeworks and selected problems will be graded. You will get 40% points for completion (more than 70% of assigned problems done) and 60% points for correctness. Late homework will be accepted under special situations (e.g. illness, family emergency, etc). I will drop your two lowest scores in computing your final grade.
Exams Make-up policy: There will be a make-up exam for a valid excuse (by my definition), and only if arrangements are made in advance.

Final exam: There will be a comprehensive final exam on Friday December 19, 2014 (8:00 am-9:50 am).

Attendance Policy: I will pass around an attendance sheet occasionally. If you miss a class please get notes from a fellow student and see me if you need any help.

Cell Phone Policy: Please turn your cell phones off and keep it away from your sight. You are not allowed to use it during the class. If you think it is very important to use it please go outside the classroom and enjoy life.

Group Work: You will be asked to work in small groups in class and I strongly encourage you to participate.

Getting Help: If you need any help please come to see me or visit Math Lab (CLC 419).

Note: In class tests will be announced one week in advance. If you have more than two exams in a day please let me know in advance so that I can give you a make-up test. If you fail any two exams (out of four exams), you will get an “F” as your final grade. Below 40% in any test, final score in quizzes, and homework may result in a lower letter grade. Any kind of cheating will be dealt with according to Xavier University policy and may result in a zero grade.

Have a great Semester