Math 1151  Calculus for Business  
(Course Information)  
Autumn Semester 2013  M,W,F at 8:00am-9:35am in MR 249  
Instructor: Prof. Jan Lang  
Office: MR 144 (Marion)  
E-mail: lang.162@osu.edu  
Web: www.math.ohio-state.edu/~lang/  
Office Hours (in Marion): M,W,F 9:40am-10:10am and 12:50pm-1:20pm or by appointment.  

or  Calculus for Scientists and Engineers: Early Transcendentals, OSU Custom Edition, by Briggs, Cochran, Gillett(Pearson), ISBN: 125678706X (this text is only good for Math 1151 not for Calc 2-3);  

Prerequisite: A grade of C- or above in (1148 and 1149), or in 1144, 1150, or 150, or Math Placement Level L. Not open to students with credit for 1152 or 152.xx, or above. This course is available for EM credit. GE quant reason math and logical anly course.  

Calculator: A scientific calculator is required. (However, a TI-89, TI-92 or calculators using a Computer Algebra System are not allowed in this course. Neither PDAs nor laptops are permitted)  

Description: Differential and integral calculus of one real variable.  

Purpose of Course: To provide students with a solid foundation in calculus.  

Tests: These are tentative dates. We may change them as per our schedule.  
Midterm I: Mon, Aug. 9  
Midterm II: Mon, Oct. 14  
Midterm III: Fri, Nov 8  
Final Exam: Mon, Dec 9, 8:00am-9:45am, (Comprehensive)  

Grades:  
about 12 quizzes (@10) (only the best 9 quizzes): 90  
Web based HW (@2) (only best 30 HW): 60  
Midterms (@ 100): 300  
Final Exam: 200  

Grading Scale: You may use the following (preliminary) minimum percentage cut off to calculate your grades: A A- B+ B B- C+ C C- D+ D 90-100 87-89 84-86 80-83 77-79 74-76 70-73 67-69 64-66 60-63  

Make-ups: There will be no make-up midterm tests. Those not wishing to receive a grade of zero will need evidence of a valid excuse. Only illness, injury, or a death is considered valid excuses. Make-up exams will not be offered unless you have official written excuse such as a letter from your employer indicating (1) your work hours, and (2) that you have to be at work during those hours, or a note from your physician etc. However, all absence from exams must be brought to my attention prior to the exam. No Make-up will be given for a missed final.  

Attendance is mandatory. Poor attendance will result in your disenrollment.  

Classroom Etiquette: Arrive on time is required. Brief (and rare) whispers to help a neighbor understand the material are usually tolerated but the other talking is disruptive and may result in your disenrollment.  

Collaboration: Getting together with other students to discuss HOW to solve problems is Encouraged. But you must be able to do the work and calculation on your own.  

Copying any part of someone else’s work (on homeworks, quizzes, test or exams) and handing it as your own work is academic misconduct (cheating) and has serious consequences at this university
Note: The techniques you learn need to be used and staying current with the homework is necessary. Do not fall behind – if you need help, get it right away (see office hours above or get help from the math tutor at Marion Campus). If, after practice, you are able to do the homework questions quickly and correctly then you should do well on the quizzes, test and the final exam.

Keep up with the course material and work on math every day! You cannot learn mathematics (or anything worthwhile) by simply watching. Get involved in your own education: think, work hard, ask questions (me or tutor). You won’t regret it.

HELP WITH THE COURSE: Your lecturer will have regular office hours for individual help. The Mathematics and Statistics Learning Center is also available for help. More information on the MSLC can be found at: http://www.mslc.ohio-state.edu/

GEC information: This mathematics course can be used, depending on your degree program, to satisfy the Quantitative and Logical Skills category of the General Education Requirement (GEC). The goals and learning objectives for this category are:
- Goals: To master the essentials of Differential Calculus and its applications, to develop the computational and problem solving skills for that purpose, and to introduce the students to Integral Calculus.
- Learning Objectives: To understand the basic techniques of Calculus, including the notions of limit and continuity, the definition of the derivative of a function, how to compute the derivative of any elementary function (polynomial, exponential, logarithmic, trigonometric, or any combination of such), how to determine maxima and minima, and how these techniques apply to real-life situations; the definition and some applications of definite integrals, Fundamental Theorem of Calculus and Substitution Rule.

DISABILITY STATEMENT: Students with disabilities that have been certified by the Office of Disability Services will be appropriately accommodated, and should inform the instructor as soon as possible of their needs. http://www.ods.ohio-state.edu/.

ACADEMIC MISCONDUCT STATEMENT: It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee. For additional information, see the Code of Student Conduct (http://studentaffairs.osu.edu/resource_csc.asp).