Math 171 Differential Calculus  
Fall 2015  
Syllabus

Instructor: Chris Bernhardt  
Office: BNW 12  
Phone: ext. 2516  
Email: cbernhardt@fairfield.edu  
Web: http://faculty.fairfield.edu/cbernhardt

Class times: Mondays and Thursdays, 12:30-1:45 PM; Wednesdays from 12 -12:50 PM.  

Office hours: Mondays, Wednesdays and Thursdays from 11-11:50 AM.  
Text: Calculus (seventh edition) by James Stewart.

Topics to be covered: Review of pre-calculus, limits, continuity, derivatives, chain rule, implicit differentiation, related rates, maxima and minima, Mean Value Theorem, curve sketching, optimization, antiderivatives, Fundamental Theorem of Calculus.

Grading: There will be three one-hour tests, each of which will be worth 100 points. Quizzes will be worth, in total, another 100 points. The final exam will also be worth 100 points.

Absence from quizzes and tests will result in zero scores unless the absence has been confirmed and excused beforehand. Graded assignments will not be accepted after the given deadlines.

Warning: Quizzes and tests will be challenging. Do not leave your preparation for them until the last minute!

Tests: The one-hour tests will be on September 24, October 22 and November 19. The final is on December 12 at 8 AM.

Grades: The grading scale will be approximately:

60 < D < 70 < C- < 73 < C < 77 < C+ < 80 < B- < 83 < B < 87 < B+ < 90 < A- < 93 < A

Academic Honesty: Homework is not for formal evaluation; therefore you are encouraged to work with other students on homework. Quizzes, graded assignments and exams are used to determine formal evaluations; therefore the work you do on these is to be your own. You must not confer with other students, look at other students’ papers, nor use unauthorized lists of information while you are involved in one of these exercises. No electronic devices are allowed.