Calculus 1-Fall 2010

67-171-001 MTuWF 8:00-9:00 Swart 14
67-171-002 MTuWF 10:20-11:20 Swart 2

Instructor : Dr. Kandasamy Muthuvel
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Office Hours : MTuWF: 910-10:10, 11:30-12:00 (Other times by appointment)

Required Materials :

Calculus Concepts and Contexts (Fourth edition) by James Stewart
(UW-Oshkosh Backpack Edition, Volume 1)
TI-83 Plus Graphic Calculator
(If you already have a TI-83, TI-85, or TI-86, you do not need to buy a TI-83 Plus.)
TI-89 and TI-92 will not be allowed on exams and quizzes.

Course Coverage:

Chapter 1 : Functions and Models (1.1-1.3, 1.5-1.7)
Chapter 2 : Limits and Derivatives (2.1-2.8)
Chapter 3 : Differentiation Rules (3.1-3.9)
Chapter 4 : Applications of Differentiations (4.1-4.3, 4.5-4.8)

Prerequisite : Math 108, or Math 104 & 106 with grade(s) of C or better, or a satisfactory score on a placement examination.

Exams : There will be three one-hour exams and a final exam.

Final exam will cover selected topics from Chapters 2, 3, and 4.

Homework : Homework will be assigned each class. Students are expected to come to class with assignment completed and the next section read. Homework will not be collected. It is important that you keep up with the homework. Most of the problems on the quizzes are very similar to the homework problems.

Quizzes : Every week, when there is no exam, there will be a quiz. Quizzes cannot be taken early or made up at a later time.

Grading : Exam 1 : 19%, Exam 2 : 19%, Exam 3 : 19%,
Final Exam: 22%, Quizzes : 19%, Class Participation : 2%

[90, 100] A	[78, 80) B^-	[61, 65) D
[88, 90) A^-	[75, 78) C^+	[58, 61) D^-
[85, 88) B^+	[70, 75) C	[0, 58) F
[80, 85) B	[65, 70) D^+	

Attendance : Regular attendance is required. Those having three or more unexcused absences will be penalized.

Remarks : If you have any concerns or questions, please see me during my office hours (scheduled or arranged) right away.
Tutors are available free of charge in Swart 113.
Success in using this book will depend on reading, questioning, and thinking hard about the ideas presented.
Ask a lot of questions in class. You are encouraged to see me in my office.
Students are subject to disciplinary action for academic misconduct, which is in UWS 14.03, Wisconsin Administrative Code.

Goals : Master the main concepts and techniques of calculus (Chapters 1-4).
Communicate problem solutions in a clear and logically-organized form, including the proper use of notation.
Provide convincing arguments to show that your solutions are correct.
Argue your solutions using multiple routes of explanation.
Use appropriate technology to assist in visualization.
Improve your abilities to solve multi-step and applied problems.