Title: Calculus I  
Credit: 4-0-4  

Objectives: To introduce the student to basic concepts and methods of Calculus. Topics include: Limits and continuity of functions of a single variable, Differentiability, Exponential, Logarithmic, Hyperbolic, trigonometric and inverse trigonometric functions. Applications: Related rates, Local linear approximation, Differentials, Curve sketching and Applied optimization problems.

Grading Policy

1. Exam I: 25% (100 points), a common written exam. It will be on Wednesday, Oct. 31, 2007, Tuesday, Nov. 6, 2007.
2. Exam II: 25% (100 points), a common multiple choice exam. It will be on Wednesday, Dec. 5, 2007.
3. Class Work: 15% (60 points). It is based on quizzes (around 5 quizzes), homework, or other class activities determined by the instructor. Any quiz or test under class activity should be of written type and not of multiple choice type.
4. Final Exam: 35% (140 points), a comprehensive common multiple choice exam.

Class Work Average. The section average (X) of the Class Work out of 60 should satisfy

\[ X \in [36,45]. \]

Exam Questions: The questions of the common exams are based on the examples, homework problems, recitation problems and the exercises of the textbook.

Missing an Exam: No makeup exam will be given under any circumstance. When a student misses Exam I or Exam II for a legitimate reason (such as medical emergencies), his grade for this exam will be determined based on his average performance. Further, the student must provide an official excuse within one week of the missed exam.

Attendance: A DN grade will be awarded to any student who accumulates 12 unexcused absences (lecture and recitation).

Academic Integrity: All KFUPM policies regarding ethics apply to this course.