TITLE: CALCULUS I

SCHEDULE:

Lectures	M W	10:00 – 11:20	J228
Seminars	T	14:30 – 16:20	J228
	F	10 :00 – 11 :50	J228

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TEXTBOOK: James Stewart ; CALCULUS EARLY TRANSCENDENTALS 6th Ed.

COMPOSITION OF THE COURSE GRADE:

Final Exam	50%
Midterm Exam	30%
Quizzes	20%

COURSE TOPICS: Review of analytic Geometry and Functions
Limits and the Definition of the Limit
Continuity and the Intermediate Value Theorem
Differentiation of Elementary Functions
Log, Exponential and Inverse Trig Functions
Taylor Polynomials
Rolles Theorem and the Mean Value Theorem
Differentials and Applications
Applications to Rates, Maxima and Minima
Introduction to Integration
Fundamental Theorems
Numerical Integration and Area

CALCULATORS: No calculators allowed in Quizzes and Exams