CALCULUS CONNECTIONS
with Y. Elsabrouty
FALL 2003

PRECALCULUS REVIEW: in ST 143

September 15 - October 22   Mondays/Wednesdays   17:00 - 18:50

DATE (Day)	TOPIC
Sept 15 (M); Sept 17 (W)	Basics of Coordinate Geometry
Sept 22 (M); Sept 24 (W)	Exponents and Radicals
Sept 29 (M); Oct 01 (W)	Equations and Inequalities
Oct 06 (M); Oct 08 (W)	Rational Expressions
Oct 15 (W); Oct 20 (M)	Trigonometric Functions
Oct 22 (W)	Exponential and Logarithmic Functions

CALCULUS REVIEW: in ST 143

September 16 - December 04   Tuesdays/Thursdays   17:00 - 18:15

DATE (Day)	TOPIC
Sept 16 (T); Sept 18 (R)	Functions and their Properties
Sept 23 (T); Sept 25 (R); Sept 30 (T)	Limits (all types)
Oct 02 (R); Oct 07 (T)	Continuity
Oct 09 (R); Oct 14 (T); Oct 16 (R)	Derivatives (Definition/Rules)
Oct 21 (T); Oct 23 (R)	Tangent Lines, Linearization, Implicit Differentiation
Oct 28 (T); Oct 30 (R)	Related Rates Word Problems
Nov 04 (T); Nov 06 (R)	Graphing 1
Nov 12* (W); Nov 13 (R)	Graphing 2
Nov 18 (T); Nov 20 (R)	Maximum and Minimum Word Problems
Nov 25 (T); Nov 27 (R)	Logarithmic and Exponential Functions
Dec 02 (T); Dec 04 (R)	Integration and Area

* Special session

OFFICE HOURS: September 18- December 05   in MS 452

Thursdays	15:30 - 16:30
Fridays	14:00 - 15:00