

CALCULUS CONNECTIONS

with Y. Elsabrouty

FALL 2007

PRECALCULUS REVIEW:

September 12(W); 13 (R); 17(M), 18 (T), 19 (W)
September 15(S), September 22 (S)

in ST 143

17:00-18:50
11:00-12:50

TOPICS: Coordinate Geometry -- equations and inequalities, and Trigonometric functions.

CALCULUS REVIEW:

September 20- December 06 Tuesdays/Thursdays

in ST 143

17:00 - 18:50

DATE (Day)

Sept 20 (R); Sept 24* (M)
Sept 25 (T); Sept 26* (W)
Sept 27 (R); Oct 02 (T)
Oct 04 (R); Oct 09 (T)
Oct 11 (R); Oct 16 (T)
Oct 18 (R), Oct 23 (T)
Oct 25 (R); Oct 30 (T)

Nov 01 (R); Nov 06 (T)
Nov 08 (R); Nov 15 (R)
Nov 20 (T); Nov 22 (R)
Nov 27 (T);
Nov 29 (R); Dec 04 (T)
Dec 06 (R)

TOPIC

Functions and their Properties
Limits 1
Limits 2
Continuity
Derivatives 1
Derivatives 2
Tangent Lines, Mean Value Theorem,
Implicit Differentiation
Logarithmic and Exponential Functions, Related Rates
Graphing 1
Graphing 2
Maximum and Minimum Word Problems, Linearization
Integration
Area

* Special session

NOTE: All Sessions are Different!

OFFICE HOURS: September 17- December 06

Mondays 09:00-10:00
Thursdays 13:00-14:00

in MS 452