

CALCULUS CONNECTIONS

with Y. Elsabrouty
WINTER 2008

PRECALCULUS REVIEW:

<i>January 16 (W)</i>	17:00 - 18:50	ST 127
<i>January 17 (R), 21 (M); 22 (T); 23 (W)</i>	17:00 - 18:50	ST 145
<i>January 19 (S), January 26 (S)</i>	11:00 - 12:50	ST 135

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

CALCULUS REVIEW:

January 24 - April 17 *Tuesdays/Thursdays*

in ST 143

17:00 - 18.50

DATE (Day)

Jan 24 (R); Jan 28* (M)

Jan 29 (T); Jan 31 (R)

Feb 05 (T); Feb 07 (R)

Feb 12 (T); Feb 14 (R)

Feb 26 (T); Feb 28 (R)

Mar 04 (T); Mar 06 (R)

Mar 11 (T); Mar 13 (R)

Mar 18 (T); Mar 20 (R)

Mar 25 (T); Mar 27 (R)

Apr 01 (T); Apr 03 (R)

Apr 08 (T)

Apr 10 (R); Apr 15 (T)

Apr 17 (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: January 21 - April 18

Mondays

11:00 - 12:00

in MS 452