

CALCULUS CONNECTIONS

with Y. Elsabrouty
WINTER 2009

PRECALCULUS REVIEW:

| | | |
|---|---------------|--------|
| <i>January 14 (W), 15 (R), 19 (M); 20 (T); 21 (W)</i> | 17:00 - 18:50 | ST 143 |
| <i>January 17 (S), January 24 (S)</i> | 11:00 - 12:50 | ST 143 |

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

CALCULUS REVIEW:

January 26 - April 15 *Mondays/Wednesdays*

in ST 143

17:00 - 18.50

DATE (Day)

Jan 22* (R); Jan 26 (M)
Jan 27* (T); Jan 28 (W)
Feb 02 (M); Feb 04 (W)
Feb 09 (M); Feb 11 (W)
Feb 23 (M); Feb 25 (W)
Mar 02 (M); Mar 04 (W)
Mar 09 (M); Mar 11 (W)

Mar 16 (M); Mar 18 (W)

Mar 23 (M); Mar 25 (W)
Mar 30 (M); Apr 01 (W)
Apr 06 (M)
Apr 08 (W); Apr 13 (M)
Apr 15 (W)

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!