

CALCULUS CONNECTIONS

with Y. Elsabrouty
WINTER 2005

PRECALCULUS REVIEW:

in ST 143

January 12 (W), 13 (R), 17 (M); 18 (T); 19 (W) 17:00 - 18.50

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

CALCULUS REVIEW:

in ST 143

January 20 - April 14 Tuesdays/Thursdays

17:00 - 18.50

DATE (Day)

Jan 20 (R); Jan 24* (M)

Jan 25 (T); Jan 27 (R)

Feb 01 (T); Feb 03 (R)

Feb 08 (T); Feb 10 (R)

Feb 15 (T); Feb 17 (R)

Mar 01 (T); Mar 03 (R)

Mar 08 (T); Mar 10 (R)

Mar 15 (T); Mar 17 (R)

Mar 22 (T); Mar 24 (R)

Mar 29 (T); Mar 31 (R)

Apr 05 (T)

Apr 07 (R); Apr 12 (T)

Apr 14 (R)

TOPIC

Functions and their Properties

Limits 1

Limits 2

Continuity

Derivatives 1

Derivatives 2

Tangent Lines, Linearization, Implicit Differentiation

Related Rates Word Problems

Graphing 1

Graphing 2

Maximum and Minimum Word Problems

Logarithmic and Exponential Functions

Integration and Area

* Special session

OFFICE HOURS: January 18 - April 15

in MS 452

Tuesdays 15:30 - 16:30

Fridays 13:00 - 14:00