

Business Calculus

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[Syllabus](#)

Daily Homework Website [Here](#)

This is where the course coordinator, Kathy McKenzie, posts daily homeworks, videos, and solutions.

[Supplemental Materials](#)

These are worksheets and videos, which are classified by textbook sections, and which are also linked within Daily Homework Website

Worksheets

Though there are a number of worksheets in the Daily Homework Website, these are additional, which I have created for my classes.

[Derivative Worksheet](#)

The worksheet is not useful for understanding the derivative, but may be useful for drill; it consists of a lot of functions which you can differentiate.

[First Derivative Exploration Worksheet](#)

This worksheet is meant to be a somewhat guided exploration of the derivative as a sort of 'best' constant approximation to $(\text{change in output})/(\text{change in input})$.

Curve Sketching Ideas

[Curve Sketching - First Derivative](#)

[Curve Sketching - Second Derivative](#)

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Two papers which explain well how to use the first and second derivatives to sketch the graph of a function. Both include many good exercises.

[A Curve Sketching Note](#)

A note which briefly covers each part involved in a curve sketching problem.

From:

<http://www2.math.binghamton.edu/> - **Department of Mathematics and Statistics,
Binghamton University**

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