

Objectives and Outcomes

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Handout

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Course Objectives

- CO1. To apply mathematical tools to obtain quantitative information that is relevant to business decisions.
- CO2. To promote problem-solving and critical thinking skills.
- CO3. To prepare students for subsequent work in the Business College and for their future careers in business.
- CO4. To apply the use of computer technology in solving mathematics problems.
- CO5. To help strengthen students' general academic skills.

Learning Outcomes Upon completion of this course, students should be able to:

- LO1. Find derivatives of power, polynomial, exponential, logarithmic functions and combinations of these functions.
- LO2. Find antiderivatives of power and exponential functions.
- LO3. Solve problems related to demand, revenue, cost, and profit functions algebraically and graphically.
- LO4. Solve business application problems using derivative and integral techniques.
- LO5. Evaluate definite integrals using the Fundamental Theorem of Calculus, area, and the graphing calculator.