

Math 150 – Calculus with Analytic Geometry I

Student Learning Outcomes

1. Evaluate limits and use them to find derivatives and integrals.
2. Evaluate derivatives and recognize the connection between the derivative, the slope of a curve, and rates of change.
3. Determine the behavior of a function from its derivatives and use them to solve optimization problems and other applications.
4. Evaluate integrals and recognize the connection between the integral, the area bounded by curves, and total change.
5. Solve elementary first-order differential equations.