

Math 160 – Calculus with Analytic Geometry II

Student Learning Outcomes

1. Recognize and apply appropriate techniques to evaluate definite, indefinite, and improper integrals.
2. Approximate definite integrals or a function's value by appropriate numerical methods, including error estimation.
3. Use definite integrals for geometry, physics, and other applications.
4. Use techniques of calculus to analyze polar and parametric curves.
5. Express functions as power series and analyze convergence of infinite series..
6. Solve separable and linear differential equations.