

MATH 241: Calculus I

Introduces and develops basic calculus concepts and procedures: limits, continuity, derivatives, and an introduction to integration of single-variable algebraic and trigonometric functions. Derivations of algorithms and formulas, and proofs of important theorems, are included. Applications of differentiation and integration are introduced to bridge theory and practice. (Formerly MATH 205)

Credits: 4

Prerequisites: MATH 140 or MATH140X with a grade of C or better or Placement in MATH 241

Recommended Prep: Basic computer, internet, and keyboarding skills Qualification for or completion of ENG 100