AP CALCULUS AB

Requirement area: Math or Elective
Course code: MCA450
Grade Level: 11, 12
Prerequisite: Completion of Pre-Calculus
Length: Year long (1.0 credit)
Homework: 5 to 10 hours per week
Designator: NCAA

Description: This course will prepare students for the Calculus AB Advanced Placement examination administered each spring. Students in this course are strongly encouraged to take the AP exam. Calculus AB is equivalent to a college level course. Topics include: Pre-Calculus review, limits and continuity, derivatives, applications of derivatives, definite integrals, differential equations and application of definite integrals. Based on AP examination scores, students may earn advanced course placement and/or college credit at most colleges and universities.