

## **AP CALCULUS AB 1202310**

Grade 10-12, Credit 1.0

**Prerequisite: Since this Advanced Placement course is a college-level and text-dependent class, cadets must have earned a minimum score of 3 on the FSA/ELA Test. It is recommended that cadets have completed Calculus and is recommended by their teacher.**

This course is designed to offer students college-level mathematics under the Guidelines of the Advanced Placement Program. Major topics of study include the use of limits, derivatives, definite integrals, and mathematical modeling of differential equations; and the applications of these concepts. It will follow the outline set forth by the College Board for Advanced Placement Calculus AB, and is modeled upon and includes the content of a comparable college program, with the primary intent the successful completion of the AP Calculus exam, for college credit.