Tennessee Technological University
Mathematics Department

MATH 1845: Technical Calculus

I.   COURSE DESCRIPTION FROM CATALOG:
A survey of differential and integral calculus of functions of a single variable including transcendental functions. Lec. 3. Cr. 3.

II.   PREREQUISITE(S):
ACT mathematics score of at least 25 and four years of high school mathematics, including algebra, geometry, trigonometry, and advanced or pre-calculus mathematics; or, special permission of the Mathematics Department; or, C or better in MATH 1730; or, C or better in MATH 1710 and 1720 or equivalent.

III.   COURSE OBJECTIVE(S):
This is a survey of elementary differential and integral calculus of functions of a single variable including trigonometric, exponential, and logarithmic functions. Students taking this course are assumed to have a mathematics background of algebra, geometry, and trigonometry. The main objective is to provide the calculus and analytic geometry skills for engineering technology students. Upon completion of this course, students should be able to apply methods of calculus t