

II. PREREQUISITE(S):

ACT mathematics score of 22 or higher or a minimum grade of C in MATH 1000, or a C or better in MATH 1710, or equivalent.

III. COURSE OBJECTIVES(S):

Refine the algebraic, geometric, trigonometric and reading comprehension skills necessary in the study of calculus.

The goal of the general education mathematics requirement is to enhance students' abilities to utilize mathematics. Students will demonstrate

1.

8.4 Vectors
8.5 The Dot Product

8.6 Vectors in Space
8.7 The Cross Product

VI. ADDITIONAL INFORMATION:

VII. POSSIBLE TEXTS AND REFERENCES:

Precalculus: Concepts Through Functions: A Unit Circle Approach
Sullivan and Sullivan

VIII. ANY TECHNOLOGY THAT MAY BE USED:

Scientific Calculator
My Lab Math

IX. STUDENT ACADEMIC MISCONDUCT POLICY:

Maintaining high standards of academic integrity in every class at Tennessee
Tech is critical to the reputation of the institution. The following policies are in effect for all students at Tennessee Tech. These policies are subject to change without notice. For more information, visit the Academic Integrity website at www.tntech.edu/academicintegrity.