

# 2024-2025 TTC Catalog

## MAT 140 Analytic Geometry and Calculus I

Lec: 4.0 Lab: 0 Credit: 4.0

This course includes derivatives and integrals of polynomials; rational, logarithmic, exponential, trigonometric and inverse trigonometric functions; curve sketching; maxima and minima of functions; related rates; work; and analytic geometry.

### **Prerequisite**

MAT 111

or

MAT 112

or

MAT 115

with a minimum grade of C

### **Course Offered**

Fall

Spring

Summer

### **Grade Type**

Letter Grade

### **Restrictions**

Students may not receive credit for both MAT 140 and MAT 130

### **Division**

Science and Mathematics