

## **MAT 1150 - Calculus II (4)**

Integration techniques including integration by parts, integrals of trigonometric products, partial fractions, substitution and trigonometric substitution. Hyperbolic functions. Improper Integrals, sequences and series, polar coordinates, parametric equations and conic sections.

**Prerequisite(s):** MAT 1140, MAT 115B, MAT 1140C, AP Calc AB  $\geq 3$ , or AP Calc BC  $\geq 3$ .

**GE Area(s):** B4

**Component(s):** Lecture

**Contact Hour(s):** 4 hours lecture/problem solving.

**Grading Basis:** Graded Only

**Repeat for Credit:** May be taken only once

**Course Category:** Major Course, Service Course, GE Course