MAT 1505: Calculus II

Integration (indefinite, definite), applications of integration (area, volume, applications to physics and economics, etc.), methods of integration, approximate integration (trapezoidal and Simpson's rules), improper integrals, differential equations, infinite sequences and series. Continued use of a computer algebra system.

Credits: 4.0
Prerequisites:
MAT 1312 or MAT 1320 or MAT 1400 or MAT 1500
Program: Mathematics and Statistics