MAT 202 : Calculus II

This course covers integral calculus, with topics including: antidifferentiation and indefinite integrals, Riemann sums and definite integrals, the Fundamental Theorem of Calculus, integration by substitution, applications, techniques of integration, numerical integration techniques and error bounds, improper integrals. Polar coordinates and related calculus will be included as time allows. Technology will be integrated throughout this course.

Credits 4 **Prerequisites** MAT 201 or equivalent