

MAT-1C — CALCULUS III

About This Course

Transfer: UC, CSU

C-ID: (C-ID:MATH 230)

4.00 units

Prerequisite: MAT-1B

Description: Vectors in a plane and in space, vector functions, calculus on functions of multiple variables, partial derivatives, multiple integrals, line and surface integrals, Green's theorem, Stokes' theorem, Divergence theorem, and elementary applications to the physical and life sciences. 72 hours lecture 18 hours lecture. (Letter grade or Pass/No Pass option)