

MATH 304: NUMERICAL ANALYSIS & COMPUTING (Q)

This course surveys the techniques and algorithms of numerical computing, numerical solution of algebraic equations and differential equations, interpolation, approximation, and iteration theory, numerical differentiation and numerical integration, error analysis, stability and convergence of solutions. The computer algebra system Maple is used. Alternate years.

Credits: 3

Prerequisites:

MATH 303

Department: [Mathematics & Applied Mathematics](#)