

CSCE 561: NUMERICAL ANALYSIS

Catalog Course Description:

561—Numerical Analysis. {=MATH 527} (3) (Prereq: MATH 242 or 520) Interpolation and approximation of functions; solution of algebraic equations; numerical differentiation and integration; numerical solutions of ordinary differential equations and boundary value problems; computer implementation of algorithms.

Prerequisite(s) By Topic:

Differential equations

Course Status: This course has not been offered recently. When it is offered, it is generally given by the Department of Mathematics, with which it is cross-listed. Therefore, we do not maintain a syllabus for it. Since the material in this course is fairly stable and well-established, we have not encountered problems with the content of this course.

Course Coordinator: Duncan Buell

Modification and Approval History

Initial description, prior to February 2001

Revised June 2005 by Caroline Eastman to reflect current status of course.