THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #: Math 4329, CRN 24656
Course Title: Numerical Analysis
Credit Hrs: 3
Term: Spring 2018
Course Meetings & Location: 9:00 am - 10:20 am MW, Education Building 311
Prerequisite Courses: MATH 3323 or MATH 4326
Instructor: Andrew Pownuk
Office Location: Bell Hall 144
Contact Info: Phone # 915 747-6773
E-mail address: ampownuk@utep.edu
http://andrzej.pownuk.com
Office Hrs: MW 11.30 am-12.20 am
Textbook(s), Materials: Required: K. Atkinson, W. Han: Elementary Numerical Analysis, J. Wiley & Sons
Course Objectives (Learning Outcomes):
Taylor polynomial, root finding, interpolation and approximation, numerical integration, solution of linear algebraic systems, numerical linear algebra, numerical solution of ODEs, finite difference method for PDEs.
Course Activities/Assignments: On line notes, assignments and grades can be found on the following web page: http://utminers.utep.edu/ampownuk/
Assessment of Course Objectives: Homework, tests, final exam.
Grading Policy: \[ f_g = 0.6 \cdot \text{test} + 0.1 \cdot \text{homework} + 0.3 \cdot \text{final} \]
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  \text{test} - \text{average grade from tests.}
  \] \[
  \text{homework} - \text{average grade from homework.}
  \] \[
  \text{final} - \text{final exam}
  \]
Attendance Policy: As with every college course, attendance is essential for success. Even though there is no attendance policy, please try not to be absent unless absolutely necessary.
Civility Statement: No cell phones are allowed to be used during the class, quizzes, tests
Disability Statement: If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at <dss@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.
Military Statement: For example: If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact as soon as possible