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

Course #: Math 4329, CRN 34263
Course Title: Numerical Analysis
Credit Hrs: 3
Term: Summer 2019
Course Meetings & Location: 9:20 am - 11:30 am MTWRF Liberal Arts Building 102
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://www.math.utep.edu/Faculty/ampownuk/
Office Hrs: MWF 2pm-3pm, Bell Hall 144
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:
\[ f_g = 0.6 \cdot \overline{test} + 0.1 \cdot \overline{homework} + 0.3 \cdot \overline{final} \]
\[ \overline{test} \] - average grade from tests.
\[ \overline{homework} \] - average grade from homework.
\[ \overline{final} \] - final exam

The Drop Date for this semester is TBA.
No drops will be approved after this date.

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 he/she 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