

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

Course #: Math 4329, CRN 10632  
Course Title: Numerical Analysis  
Credit Hrs: 3  
Term: Fall 2023  
Course Meetings & Location: 1.30 pm-2.50 pm LART 103 (08/28/2023 - 12/07/2023)  
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: MW 1.30 pm-2.30 pm, Bell Hall 144  
<https://utep-edu.zoom.us/j/7794325720>  
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: Online notes, assignments and grades can be found on Blackboard.  
Assessment of Course Objectives: Homework, tests, final exam.  
Grading Policy:  $f_g = 0.6 \cdot \overline{test} + 0.1 \cdot \overline{homework} + 0.3 \cdot final$   
 $\overline{test}$  - average grade from tests.  
 $\overline{homework}$  - average grade from homework.  
 $final$  - 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.  
Academic Integrity Policy: UTEP's policy cited in <http://academics.utep.edu/Default.aspx?tabid=23785>  
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

Drop Date The Drop Date for this semester is November 3th, before 5:00 PM MDT. No drops will be approved after this date or time.

Students who decide to drop the course must process a drop form, by sending an email from your official UTEP email account to [records@utep.edu](mailto:records@utep.edu) by November 3th before 5:00 PM MDT. When you email, be sure to do so from your email account and include your full name, student ID number, and full class details such as the course name, number, and CRN. Please note that the College of Science will remain aligned with the University and will not approve any drop requests after that date.