

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

Course #: Math 4329, CRN 11828
Course Title: Numerical Analysis
Credit Hrs: 3
Term: Fall 2024
Course Meetings & Location: 13:30 – 14:50 LART 205
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: TBA
<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 1th, 2024 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 e-mailing records@utep.edu by November 1st before 5:00 PM MDT. Please note that the College of Science will remain aligned with the university and **will not approve any drop requests after that date.**