

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: Homework, tests, final exam.
Objectives:
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.
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