

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

Course #: Math 4329, CRN 11247
Course Title: Numerical Analysis
Credit Hrs: 3
Term: Summer 2022
Course Meetings & Location: 1.30 pm – 2.50 pm, LART 101
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 12 pm – 1 pm, 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: Online notes, assignments and grades can be found on Blackboard.
Assessment of Course Objectives: Homework, tests, final exam.
Grading Policy: $f_g = 0.6 \cdot \overline{test} + 0.1 \cdot \overline{homework} + 0.3 \cdot \overline{final}$
 \overline{test} - average grade from tests.
 $\overline{homework}$ - average grade from homework.
 \overline{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

COVID-19 Precautions

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID 19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org

Please contact me immediately if you fall ill during the semester so that we can work together to formulate a strategy to help you get caught up as soon as you are physically able.