

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

Course #: Math 4329, CRN 21039  
Course Title: Numerical Analysis  
Credit Hrs: 3  
Term: Spring 2022  
Course Meetings & Location: 10.30 am – 11.50 am, LART 201  
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](mailto:ampownuk@utep.edu)  
<http://www.math.utep.edu/Faculty/ampownuk/>  
Office Hrs: MW 12.30 pm-1.30 pm, Bell Hall 144  
or  
<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  
**The Drop Date for this semester is Friday April 1, 2022.**  
**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](mailto: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](mailto: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](http://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.