

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

Course #: Math 4329, CRN 21380  
Course Title: Numerical Analysis  
Credit Hrs: 3  
Term: Spring 2019  
Course Meetings & Location: 12:00 pm - 1:20 pm TR Liberal Arts Building 103  
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: TR 1.30pm-2.50pm, 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 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 5, 2019. 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