

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

Course #: Math 4370, CRN 27933
Course Title: Real Analysis
Credit Hrs: 3
Term: Spring 2023
Course Meetings & Location: Online class
Information about the class can be found on Blackboard.
Prerequisite Courses: Instructor approval
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 1.30 pm-2.50 pm, Bell Hall 144
Textbook(s), Materials: Required: Walter Rudin, Principles of Mathematical Analysis, Third Edition, Mc Graw-Hill, 1976.
Course Objectives (Learning Outcomes): Goal of the course:
Real Analysis (3-0) Convergence of series of constant terms; convergence of sequences and series of functions; and analysis of functions of several variables to include the differential approximation theorem, the inverse function theorem and the implicit function theorem. Prerequisite: MATH 3341 with a grade of "C" or better.
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
Drop Date ***The Drop Date for this semester is March 30th, 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 sending an email from your official UTEP email account to records@utep.edu by March 30th before 5:00 PM MDT. When you email, be sure to do so from your email account and include your full name, student ID number, and full class details such as the course name, number, and CRN. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that 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

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.