

MATH 506.01 – MODERN ANALYSIS FOR TEACHERS
SPRING 2023

Graduate Credit: There will be four additional assignments, distributed over the course of the semester:

- Essay - "An historical figure in Real Analysis." The student will select an individual from a short list of individuals who have historically made a significant contribution to the field of Real Analysis. The essay will include biographical details, a short description of significant contributions to the field, and an overview of the social environment(s) within which the mathematician worked, including a description of advancements made in other scientific fields at the

Grades will be assigned based on the following scale:

Percentage Range Grade

Special Accommodations: ADA Program (Office of Learning Services) Americans With Disability Act (if you have a disability that requires accommodations under the Americans with Disabilities Act, please present your letter of accommodations and meet with me as soon as possible so that I can support your success in an informed manner. Accommodations cannot be granted retroactively. If you would like to know more about the Millersville University Office of Learning Services - please contact the office at 717-871-5554)

Required Syllabus Language: All links are active in the pdf version of this syllabus available on the D2L site for this course.

- Academic Honesty Policy
- Attendance Policy (Class Attendance, Drop for Non-Attendance)
- Inclusion Statement
- Land Acknowledgement
- Policy on Delays and Cancellations
- Preferred Names Policy (FAQ's)
- Privacy Rights under FERPA
- Student Conduct and Community Standards
- Title IX Reporting Requirements and the Faculty member (MU Protection of Minors policy, Title IX Information)

MATH 506.01: Journal Project

What is it? Every Monday at the beginning of class you will hand in a journal entry. This entry will consist of two parts:

1. A summary of the definitions learned in the previous week.
2. At least two "Connections". A connection describes how concepts are related. You should state these connections in your own words, not just restate definitions or a theorem. You could also give