Course Information

Course: MATH 446: Applied Complex Variables and Applications

Course Description:

For students who desire a working knowledge of complex variables; covers the standard topics and gives an introduction to integration by residues, the argument principle, conformal maps, and potential fields. Students desiring a systematic development of the foundations of the subject should take MATH 448.

Course Objectives

NEEDED

Course Content

1. NEEDED

Format

- This is an online course featuring video lectures from the UIUC Summer 2018 course taught by Professor Joe Miles.


- Students must be able to print out assignments, write out solutions, then scan their written work and upload it to Moodle.

- This course requires multiple paper-based exams that must be taken with an approved proctor. Exams may be taken on campus with NetMath proctoring; for off-campus options see https://netmath.illinois.edu/offcampus. Off-campus proctors must be able to scan completed exams and email them to NetMath for grading, as well as mailing the paper exam back for archival purposes.