

MAT 4930: Problem Solving

Fall 2023

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Office hours: Mondays and Wednesdays 12:45-1:45, or appointment.

Class meets in MAE B 229 on Fridays from 3:00 to 3:50.

Syllabus

This is a one-credit course in problem solving. Some of the methods that we will study are parity, the pigeonhole principle, and induction. We will also consider some techniques from algebra, number theory, calculus, and geometry.

Homework

Homework problems will be assigned and collected on a regular basis. You are encouraged to discuss the problems with your classmates, but any work you turn in must be your own. Late homework will not be accepted.

Grading

Grades will be based entirely on the homework.