MTHEL 398 Learning How to Learn Mathematics WINTER 2023

Course Description: The goal for this course is to help students improve their performance in their mathematics courses by introducing them to study skills that are proven to be effective for university mathematics courses. The course takes a hands-on approach by having students apply the strategies covered in the course to mathematical content covered in the course. Students will be expected to demonstrate their understanding and use of the material through a variety of assessments.

This course will also be of interest to anyone who is interested in pursuing a career in teaching.

Course Objectives: By the end of this course, you should be able to:
- Create a personalized study plan for future math courses which includes time allotment, lecture strategies, study strategies, and test preparation.
- Discuss growth mindset, metacognition, active learning, the testing effect, and illusion of competence both orally and in writing.
- Use a variety of learning, studying, and note-taking strategies.

Assessments:
- Participation in discussions: 10%
- Strategy Implementation Assessments: 20%
- Term Test 1: 25%
- Term Test 2: 25%
- Written Report: 10%
- Personalized Study Plan: 10%

NOTE: There is no final exam during the final exam period.

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