

Spring 2025, MTH 432/532, Tuesday-Thursday 11:00-12:20.

Prerequisite: MTH 431.

Text: Munkres, Analysis on Manifolds.

Instructor: Jingbo Xia

Office hour: Tuesday 16:00-17:00, remote.

Exams and Grades: There are two (2) exams given during class time. Each exam is worth 150 points. Your grade will be determined by the SUM of your two scores according to the grading scale below. Make-up exam is only for those who miss a scheduled exam due to circumstances beyond their control, and proof to that effect will be required for requesting a make-up exam.

First Exam: Thursday, March 13, in class.

Final Exam: Tuesday, May 6, in class.

Make-up Exam: To be announced later.

Grading scale:

250-300: A

245-249: A-

240-244: B+

215-239: B

210-214: B-

200-209: C+

160-199: C

150-159: C-

140-149: D+

100-139: D

0-99: F

Homework assignments are here:

<http://www.acsu.buffalo.edu/~jxia/Teaching/hw432.pdf>

There will be one homework assignment each week, on Thursday.

Note that no points will be assigned to homework. That is, homework is strictly for the purpose of practicing problem solving. But the skill of problem solving is what matters when you take the exams. Therefore, in addition to the assigned problems, you are strongly encouraged to do as many unassigned problems as you can.