

Instructor	Amites Sarkar
Text	Introduction to Metric and Topological Spaces Wilson A. Sutherland

Syllabus

A selection of topics from Chapters 7–17 of the book. We'll begin by reviewing some basic properties of metric spaces.

Course Structure

After the first week, there will be lectures on Tuesdays and Thursdays, and student presentations on Mondays and Fridays. Your presentations will be graded, and the scores will count towards your final grade, as indicated below.

Relation to overall program goals

Among other things, this course will (i) enhance your problem-solving skills; (ii) help you recognize that a problem can have different useful representations (graphical, numerical, or symbolic); (iii) increase your appreciation of the role of mathematics in the sciences and the real world.

Final

Tuesday 13 March 1–3 pm. This will be a closed book exam.

Grading

I will base the grade on **homework** (there will be 4 homework assignments, each worth 5%), **presentations** (30%) and the **final** (50%).

Office hours

My office hours are 3–3:50 on Mondays, Tuesdays, Thursdays and Fridays, in 216 Bond Hall. My phone number is 650 7569 and my e-mail is amites.sarkar@wwu.edu