

TOPOLOGY READING GROUP

An invitation to students in Honors Mathematics to join a seminar this semester:

TOPOLOGY READING GROUP

Every Tuesday, 11:00am-12:00 noon

First Four Meetings: August 30, September 6, 13, and 20: Room 101 DeBartolo

From September 27: Room 223 DeBartolo

Required Text: Gamelin and Greene: Introduction to Topology, 2nd edition, Dover press

Limit: 15 students

The purpose of this seminar is to introduce undergraduates to General Topology, a topic in higher mathematics accessible to able first and second year mathematics students. Topology is interesting in its own right, and it will prove quite useful in upper level mathematics courses and in graduate work in the mathematical sciences. The seminar requires work, but not as much work as a regular Mathematics course.

Any student in Mathematics 10850 or 20850 or 20810 or 30810 can join this seminar.

Initially the lectures will be given by Professor Connolly. Later, students will be asked to present some of the material. The seminar will begin with metric topology, a subject with a strong intuitive underpinning.

The seminar is limited to 15 students. This will be done on a first-come-first-served basis. *The first fifteen students* who show me evidence they have ordered the book, or show that they own the book, and who then sign the list outside my office (Hurley 169) will be accepted in the seminar.

The text (Gamelin and Greene) costs about \$12.00, with shipping, in paperback. You can purchase it (from Amazon.com or other sites, or possibly Notre Dame's bookstore). I suggest you team up with others to purchase multiple copies and save on shipping.

If you would like to join this seminar, please:

- a) sign up, outside Hurley 169; talk with Prof. Connolly about getting the book.
- b) come to the first meeting.