

Course Syllabus

MATH 499: Mathematics Colloquium IV

Description:	<i>Students explore, write about, and give presentations about a topic or topics chosen according to the interests of faculty and students. Guest speakers may be arranged in accordance with the topic or topics. Students design, implement, and run a regularly scheduled departmental colloquium to which all faculty and students are invited.</i>
Credit Hours:	1
Frequency:	Offered every semester.
Audience:	Required for mathematics majors in the sequence MATH 199, 299, 399, 499.
Prerequisites:	MATH 266 and 399.
Format:	One 50-minute seminar per week.
Textbook:	None.
Technology:	Use of Latex is required. Course material and grades are often maintained in Blackboard, at the discretion of the instructor.
Access & Accommodations:	The Access & Accommodations Resource Center (AARC) is the campus office that works with students to provide access and accommodations in cases of diagnosed mental or emotional health issues, attentional or learning disabilities, vision or hearing limitations, chronic diseases, or allergies. You can contact the office at aarc@valpo.edu or 219.464.5206. Students who need, or think they may need, accommodations due to a diagnosis, or who think they have a diagnosis, are invited to contact AARC to arrange a confidential discussion with the AARC office. Further, students who are registered with AARC are required to contact their professor(s) if they wish to exercise the accommodations outlined in their letter from the AARC.
Notice of Cancellation:	In the event class is cancelled, you will be notified through your Valparaiso University e-mail account.

Student Learning Objectives:

- A. Students will help develop a sense of community within the Department of Mathematics and Statistics.
- B. Students will be exposed to a mathematical topic or topics beyond those routinely encountered in the classroom.
- C. Students will practice their ability to present mathematics both orally and in writing.

Topics & Performance Requirements Include (but are not limited to):

1. attending a regularly scheduled colloquium open to participation by all faculty and students
2. giving a conference-style presentation (of about 15-20 minutes in length) according to current professional standards
3. writing an expository paper about a topic of choice (in conjunction with the oral presentation), using proper mathematical notation and terminology