

Syllabus for Math 4451 sec. 001

Spring 2013

Instructor: L. R. Ritter

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Office Hours: Tues. 4–5pm, Wed. & Thurs. 3–5pm, and by appointment

Course Home Page <http://educate.spsu.edu/lritter/Ritter4451S13.htm>

Course Description This capstone course gives students the opportunity to pursue a course of independent study/research. Each student works under the guidance of a faculty member on a project containing significant mathematical content.

Class meetings: Each student will give three presentations, one each of roughly 5 minutes, 20 minutes, and 30 minutes. Additional class meetings may be held to coordinate the class activities. Announcements will be made via email and posted to the class webpage <http://educate.spsu.edu/lritter/Ritter4451S13.htm>. The dates and times will be decided during the course of the semester. At the end of the term, when the 30 minute talks are given, each student will be required to submit a written report on the topic of his project. Each student is required to attend all talks given. **Failure to attend another student's talk will negatively affect your score for your talk.**

Prerequisites: Math 2306 & Math 2255

Pre/Corequisites: Math 3321 & Math 4440

Grading and Evaluation Your course grade will be the weighted average of graded performance on the three presentations, the written report, and the work done with your advisor over the course of the semester. The grades will be weighted as follows: Individual feedback will be given following each

Table 1: Grade Weights

5 minute talk	20 minute talk	30 minute talk	Paper	Work with Advisor
5 %	15%	15%	15%	50%

presentation. Your advisor will provide the grade for your work over the course of the term and for your paper.

Scholastic Dishonesty: Copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty visit <http://www.spsu.edu/undergradcatalog/policiesregulations/regulationsprocedures/index.htm>. The University Honor Code can be viewed here <http://www.spsu.edu/honorcode/> .

Students with Disabilities: can get assistance from the ATTIC office (678) 915-7361
<http://www.spsu.edu/ATTIC/>.

Cell Phone Policy All cell phones should remain off or silent during all meetings. **No still or video photography is permitted during class meetings or presentations .**

Important Dates:

Jan. 7, First Day of Classes

Jan. 21, MLK Jr. Day

Feb. 26, Last Day to Drop with a W

March 4–8, Spring Break

Apr. 28, Last Day of Class

May. 1–7, Final Exams