

MATH 4161 – Senior Seminar II

Spring 2022

Instructor: Dr. Scott M. LaLonde

Office: RBN 4005

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Office hours: Tuesdays & Thursdays 1:00–2:30 P.M. or by appointment.

Scheduled classes:

Section 001

Monday, 12:20 P.M. – 1:15 P.M.

Location: RBN 4039

This is the official meeting time for this class. However, we will not actually meet for regular lectures—you will each arrange to meet weekly with your individual advisors instead.

Course Webpage: All course information and documents will be available on Canvas.

Textbooks: There is no required textbook.

Prerequisites: The student must be within two (2) semesters of graduation with a B.S. in mathematics.

Course Description

This is the second part of our two-part capstone course. This course is designed to evaluate what the student has learned as a math major at UT Tyler and to give the student an opportunity to explore additional mathematical ideas from start to finish outside the classroom with a faculty mentor.

Student Learning Outcomes

Upon completion of this course, students should be able to do the following:

- Construct a well-written mathematical research paper.
- Typeset a mathematical document using \LaTeX .
- Prepare a professional mathematics presentation using \LaTeX .

Assignments and Grading

Poster Presentation

You will construct and present a poster based on the research you do throughout the semester. All members of the mathematics faculty will be present during the poster session, and each professor will assess your poster. Based on these assessments, your advisor will assign a grade.

Final Paper

You will also need to write a final paper on your research. Your advisor will evaluate your paper and assign a grade.

Grading

Your advisor will assign you a letter grade based on your final paper and poster presentation.

Course Policies

Canvas

You must activate your Canvas account and check it regularly. You can activate your account and log in at <https://www.uttyler.edu/canvas>. If you are registered for the course, then you should already have access to the Canvas page. Any announcements and important documents will be posted there.

Attendance

We will not actually meet as a class. It is up to you and your advisor to meet regularly.

Plagiarism and Academic Dishonesty

Any work you submit must represent your own effort. If your advisor or I determine that this is not the case, we will prosecute plagiarism and academic dishonesty to the fullest possible extent.

Changes to Syllabus

I reserve the right to make changes to the syllabus during the semester. Any changes to course policies will be announced via Canvas, and an updated version of the syllabus will be posted there.

Important Dates

- **January 10:** Classes begin.
- **January 17:** Martin Luther King, Jr. holiday. No class.
- **January 24:** Census date. Last day to change schedule or file for grade replacement.
- **March 7–12:** Spring break. No classes.
- **March 28:** Last day to withdraw.
- **April 18:** Poster presentations.

University Policies

Information on University policies concerning the following topics:

- UT Tyler Honor Code
- Students Rights and Responsibilities
- Campus Carry
- UT Tyler Tobacco-Free Policy
- Grade Replacement/Forgiveness and Census Date
- State-Mandated Course Drop Policy
- Student Accessibility and Resources
- Student Absence due to Religious Observance
- Student Absence for University-Sponsored Events and Activities
- Social Security and FERPA Statement
- Emergency Exits and Evacuation
- Student Standards of Academic Conduct
- UT Tyler Resources for Students

can be found at

<https://www.uttyler.edu/academic-affairs/files/syllabuspolicy.pdf>