Senior Seminar II – Math 4161
Fall 2023

Professor: Dr. David Milan   **Office**: RBN 4006

Office Hours: 1:15-2:15pm MWF, or by appointment.

Email: dmilan@uttyler.edu   **Office Phone**: (903)565-5839 (email is best)

Web: class page on Canvas   **Class Meeting Time**: 12:20-1:15pm M

Prerequisites: The student must be within 3 semesters of graduation with a BS 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.

Learning Outcomes: By the end of the course students should be able to:
- Construct a well-written mathematical research paper.
- Typeset a mathematical document using Latex.
- Prepare a professional presentation using Latex or PowerPoint.

Course Evaluation: Your grade will be based on:
- Poster Presentation. You will present a final poster based on your research this semester. All members of the faculty present at the poster presentation will assess your poster.
- Research Paper. Your faculty mentor will evaluate your final research paper.

Based on the feedback provided by other faculty at the poster presentation and the quality of the research paper, your faculty mentor will assign your course grade.

Important Dates:
September 1: Census date: date to withdraw without penalty, grade replacement deadline.
October 30: Last day to drop course with a W.

Policies: See https://www.uttyler.edu/academic-affairs/files/syllabuspolicy.pdf for these important University policies: UT Tyler Honor code, student rights and responsibilities, campus carry, UT Tyler a tobacco-free university, grade replacement and forgiveness, state-mandated course drop policy, student accessibility and resources, student absence for university-sponsored events, social security and FERPA, emergency exits and evacuation, and student standards of academic conduct.