

Independent Study, MATH 5399

Meeting Times: To be arranged

Last day to withdraw: Monday, March 30, 2025

Instructor: Nathan Smith

Office: RBN 4007

Contact: nsmith@uttyler.edu

Office Hours: Tentatively 11:15-12:10 MWF

Text: no text

Course Topics: Independent learning, advanced analysis concepts. Emphases to develop according to instructor and student interest.

Student Learning Outcomes: By the end of the course students should be able to:

1. Learn mathematics independently from a written source.
2. Present that mathematics in an appropriate professional manner.
3. Synthesize, analyze, summarize, and write that mathematics independently in an appropriate professional manner.

Grading:

- Your grade will be determined by your performance on a final summary project. Should there be a problem with consistently missing scheduled meetings, coming unprepared, and so forth, these issues will also be taken into account when determining your final grade.

Student Academic Conduct: It is your responsibility to learn the material in this course for your own benefit. You should not let this discourage you from working together on your homework but in the end what you turn in should reflect your understanding, not just be copied from someone else. *During the tests, a code of honor will apply under which students are to work alone and neither give help to others nor receive help from any sources.* Students are also expected to help enforce this code. Students are encouraged to obtain a copy of *A Student Guide to Conduct and Discipline at UT Tyler*, available in the Office of Student Affairs.

Artificial Intelligence: UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should

be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy.

For this course, you may not use AI tools to produce anything turned in for a grade.

University Policies: We will follow all University policies concerning Withdrawing from Class, Final Exams, Incomplete Grades, Grade Appeals, Disability/Accessibility Services, Military Affiliated Students, Academic Honesty and Academic Misconduct, FERPA, Covid, Absences, and Campus Carry. See canvas for details (<https://uttyler.instructure.com/courses/34488/pages/university-policies-and-information>).