MATH 328K (85510): Introduction to Number Theory - Summer 2020

Class meetings: MTWTHF 11:30am - 1:00pm (ZOOM)

Instructor: Kiryl Tsishchanka

Office hours: MTWTHF 1:00pm - 1:30pm or by appointment (ZOOM)

E-mail address: `kit@math.utexas.edu`

Web: `web.ma.utexas.edu/users/kit/number_theory.html`

Textbook: *Elementary Number Theory and Its Application,* 6th edition, by Kenneth H. Rosen.

Prerequisites and degree relevance: M341 or M325K, with a grade of at least C-. This is a first course that emphasizes understanding and creating proofs; therefore, it must provide a transition from the problem-solving approach of calculus to the entirely rigorous approach of advanced courses such as M365C or M373K.

Homework: There will be homework assignments due on Tuesdays and Fridays. Homework should be submitted via Gradescope. Late homework will not be accepted for any reason. One lowest homework score will be dropped at the end of the semester.

Exams: There will a 75 min. in-class midterm exam (Wed, June 24) and the final exam (Sat, July 11, 7:00pm-10:00pm). Both exams will be given via Gradescope and will be proctored via ZOOM. A makeup will be given only if you miss a test because of a university sponsored event or a documented medical excuse. Class notes, books, cell phones, calculators and other aids will not be allowed.

Grading and Attendance: To compute your final course grade, I will average your homework (20%), the midterm exam (35%) and the final exam (45%).

Documented Disabilities: If you have a documented disability, you should contact Services for Students with Disabilities (SSD) at (512) 471-6259 (voice) or (866) 329-3986 (video phone), or visit `http://ddce.utexas.edu/disability/`. You must contact me by the 12th class day to ensure that accommodations can be made.

University Honor Code: Cheating is punished to the fullest extent allowed by university policy. Cheating includes, but is not limited to, using any electronic device on an exam, and presenting another person's work as your own.