Instructor: Sri Iyengar

Class Time and Place: 9:10 AM — 10:30 AM, TTh, in WBB 617

Office Hours: 11:00 AM - noon Wednesdays, 1:30 - 2:30 PM Fridays

Office Location: JWB 202

Email address: Send email through Canvas

Text: *Numbers, Groups and Cryptography*, by Gordan Savin

Supplementary text: *A Friendly Introduction to Number Theory*, by Joseph Silverman
You don’t have to buy this text, but it makes for a good reading. I can also suggest some other texts. If you are interested, please send me an email.

Course Information: This is a 3-credit course.

Prerequisites: “C” or better in Math 2270 or Math 2250

Course Description: This is an overview of algebraic number theory covering factorizations, primes, modular arithmetic, quadratic residues, continued fractions, quadratic forms, and Diophantine equations.

Grading: The grades will be calculated as follows:
Weekly Quizzes 30%
Midterm 30%
Final Exam 40%

Quizzes: There will be weekly quizzes based on problems in the text book and others that will be posted on Canvas regularly. The lowest two quiz scores will be dropped. **There will be no make up quizzes.**

Exam Dates: Midterm: Thursday, 5 March 2020, in class.
Final: Tuesday, 28 April 2020, 8:00 AM — 10:00 AM

Online Grades: Grades will be posted on Canvas. Please check these regularly, and let me know if I made any mistakes.
ADA Statement: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability & Access (CDA), 162 Olpin Union Building, 581-5020 (V/TDD). CDA will work with you and me to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to CDA.

Responsibilities: All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. You have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, collusion, fraud, theft, etc. Students should read the Code carefully and know you are responsible for the content. According to Faculty Rules and Regulations, it is the faculty responsibility to enforce responsible classroom behaviors, beginning with verbal warnings and progressing to dismissal from class and a failing grade. Students have the right to appeal such action to the Student Behavior Committee.

http://regulations.utah.edu/academics/6-400.php