Mathematics 312, Section 101 2018-19

Introduction to Number Theory

Department of Mathematics, Undergraduate Math courses, University of British Columbia

Calendar Description: Euclidean algorithm, congruences, Fermat's theorem, applications. Some diophantine equations. Distribution of the prime numbers. Prerequisite: One of MATH 220, MATH 226, CPSC 121 and 9 additional credits of mathematics courses. .

Instructor

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Text

- **Elementary Number Theory and its Applications by Kenneth Rosen. 6th Edition. Problem sets will be posted on the assignment link below. .**

Course Outline and Details

1. **The course outline as well as information about assignments, midterms, workshops and the final exam can be found here.**

Grading

- Final Exam 50%
- Midterms 30%
- Homework Assignments 20%