

Mathematics 312, Section 101 2020-21

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

Lauchie MacDonald

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Office hours	To be arranged on Collaborate Ultra
Home page	http://www.math.ubc.ca/~johnm/

Text

- **Elementary Number Theory and its Applications by Kenneth Rosen. 6th Edition. .**
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Course Outline and Details

1. The course outline as well as information about quizzes, midterms and the final exam can be found [here](#).
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Grading

- There will be 5 tests counting 15% each
- Final Exam 20%
- Participation 5%
- There will be no makeup tests for any reason.
- This marking scheme is subject to change

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