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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<thead>
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<tbody>
<tr>
<td>Office hours</td>
<td>To be arranged on Collaborate Ultra</td>
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<tr>
<td>Home page</td>
<td><a href="http://www.math.ubc.ca/~johnm/">http://www.math.ubc.ca/~johnm/</a></td>
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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.

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

UBC standards for academic honesty

Academic honesty is essential to the continued functioning of the University of British Columbia as an institution of higher learning and research. All UBC students are expected to behave as honest and responsible members of an academic community. Breach of those expectations or failure to follow the appropriate policies, principles, rules, and guidelines of the University with respect to academic honesty may result in disciplinary action. It is the students obligation to inform himself or herself of the applicable standards for academic honesty. Students must be aware that standards at the University of British Columbia may be different from those in secondary schools or at other institutions. If a student is in any doubt as to the standard of academic honesty in a particular course or assignment, then the student must consult with the instructor as soon as possible, and in no case should a student submit an assignment if the student is not clear on the relevant standard of academic honesty.