Course Description
An introduction to a wide variety of mathematical ideas and techniques that do not involve calculus. Topics include proof, logic, mathematical induction, set theory, elementary number theory, equivalence relations, functions, cardinality, combinatorics, and graph theory.

Prerequisites
MATH 133 (Calculus I).

Textbooks (required)

Grading
Grades will be given based on the following scale and your overall percentage in the course.

<table>
<thead>
<tr>
<th>Letter</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D</th>
<th>F</th>
<th>W</th>
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</thead>
<tbody>
<tr>
<td>Point</td>
<td>4.00</td>
<td>3.67</td>
<td>3.33</td>
<td>3.00</td>
<td>2.67</td>
<td>2.33</td>
<td>2.00</td>
<td>1.67</td>
<td>1.0</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>%</td>
<td>[93, 100)</td>
<td>[90, 93)</td>
<td>[87, 90)</td>
<td>[83, 87)</td>
<td>[80, 83)</td>
<td>[77, 80)</td>
<td>[73, 77)</td>
<td>[70, 73)</td>
<td>[60, 70)</td>
<td>[0, 60)</td>
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If the course is taken Pass/No Pass, then $\geq$C- is considered passing and is given the grade Pass (P); work $<$C- is considered not passing and is given the grade No Pass (NP).

40% Homework
Homework will be assigned approximately weekly on Blackboard. Homework must be written up neatly with multiple pages stapled. Students are encouraged to work together to learn the material, but each student must independently write up their own solutions. Homework is a major part of the course. No late homework will be accepted.

10% Quizzes
Given weekly and unannounced in lecture. No quizzes during exam weeks. The lowest score is dropped. No makeup quizzes.

20% Midterm Exam
Wednesday, March 18 in class. No electronic devices, notes, or books are allowed on exams.

30% Final Exam
Thursday, May 14, 7–9 p.m. No electronic devices, notes, or books are allowed on exams.

Disabilities
The college will make reasonable accommodations for persons with documented disabilities. Students should notify the Office of Disability Services located in Peters G-27/G-28 and their instructor of any disability related needs within the first two weeks of class.
Honor Code
The College requires that students sign an Honor Code for all assignments. This pledge (which is written out on each assignment) states: “I affirm that I have adhered to the Honor Code in this assignment.” For further information, see http://www.oberlin.edu/studentpolicies/honorcode/.

Important Dates

- First day of classes: Monday, February 2.
- Add/drop deadline: Wednesday, February 11.
- Midterm Exam: Wednesday, March 18 in class.
- Spring recess: Saturday, March 21 – Sunday, March 29.
- Midterm grades available via PRESTO: Thursday, April 2.
- Last day to declare P/NP or to withdraw: Monday, April 6.
- Last day of classes: Friday, May 8.
- Final Exam: Thursday, May 14, 7–9 p.m.