

**Math 561/661**  
**Abstract Algebra I**

**Fall 2023**  
**Drew Armstrong**

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**Location:**

Memorial 200  
TuTh 11:00AM - 12:15PM

**Course Webpage:**

Course information and assignments will be posted here:  
<http://www.math.miami.edu/~armstrong/561fa23.php>

**Office Hours:**

Wednesdays and Thursdays 3-4pm, via Zoom. I am available via email for questions and to schedule special appointments: [armstrong@math.miami.edu](mailto:armstrong@math.miami.edu)

**Textbook:**

No textbook is required. I will post my own lecture notes on the webpage. For reference I recommend Michael Artin's *Algebra* and Charles Pinter's *Book of Abstract Algebra*.

**Grade Breakdown:**

There will be a homework assignment due approximately every two weeks. There will be three in-class exams and no final exam. Grades are based on the following scheme:

Homework	25%
Exam 1 (Thurs Sept 21)	25%
Exam 2 (Thurs Oct 26)	25%
Exam 3 (Tues Dec 5)	25%

**Homework Policy:**

Homework is the most important part of the course. You are encouraged to collaborate with others but the solutions must be **explained in your own words**. Points will not be given for identical copies. Note late homework will be accepted.

**Exam Policy:**

No electronic devices are permitted during exams. Collaboration on exams is not allowed. Any evidence of collaboration will result in a score of zero and will be referred to the Honor Council.

**Writing Credit:**

There is an optional writing credit in this course. To obtain the credit you will write a self-contained paper on a topic closely related to the course material. A first draft will be due before the fall break, then the final version is due at the end of term. If you wish to take advantage of this, please contact me to discuss possible topics.