

**Syllabus**  
**Marci Hablicsek, mhabli@math.upenn.edu**  
**Math 203 Proving things: Algebra**

1. Course website: <http://www.math.upenn.edu/~mhabli/teaching/2015Spring/203.html>.
2. Lecture: TR 3-4:30pm DRL A5
3. Office hours: DRL 3N4B, TuTh 11:00-12:00 or **by appointment**.
4. Recitation: M 6:30-8:30pm DRL 4C2 or W 6:30-8:30pm DRL 4C2. Your TA is Tianguang Zhang.
5. Textbook: In the first part of the semester, we follow Proof, Logic, and Conjecture by Robert S. Wolf. In the second part, we follow A Survey of Modern Algebra by Garrett Birkhoff and Saunders Mac Lane.
6. What can you learn? Basically, this is a course to introduce you to proofs. More explicitly:
  - Language of mathematics
  - Formal proofs
  - Little bit of set theory
  - Commutative rings

**If you have any questions/comments/issues/concerns/advice, please come to office hours. I am here to help you.** For anonymous feedback: there is a comment box on my website.

7. Grading:
  - 10% Class attendance
  - 30% Weekly homeworks
  - 30% Midterm 1
  - 30% Midterm 2
8. Homeworks: The homeworks are assigned each Thursday and due the Thursday after that.
9. Midterms: There will be 2 midterms and no final. The midterms are in-class midterms.
  - Midterm 1: Feb 19
  - Midterm 2: Apr 23
10. **Cheating and other academic misconducts will not be tolerated.**