

# MATH 370-001 ALGEBRA LAB

Spring 2018

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| <b>TA:</b> Qingyun Zeng (Andy)   | <b>Time:</b> MW 6:30pm-8:30pm |
| <b>Email:</b> <a href="mailto:qze@math.upenn.edu">qze@math.upenn.edu</a> | <b>Place:</b> 3C6-DRL.        |

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## Course Pages:

1. <https://www.math.upenn.edu/~qze/teaching.html>

I will post selected solution/hint of homework, some notes, and some additional useful material on both course homepage and Canvas.

**Office Hours:** MF 9:30am-10:30am, or by appointment. I am also available at the Math center session, and the time is TBA (might be Tuesday or Thursday evening)

## Main References:

- M. Artin, *Algebra*, Pearson, 2010.
- Notes provided by Prof. Kirillov

It is recommended that you read the course notes and the corresponding sections in Artin before attending the lab. I will provide addition notes as well.

**Objectives:** We are mainly going to discuss problems in the lab session. Students might be asked to present their solutions. We can also discuss material covered in class which are difficult to understand.

**Attendance:** Not required. If you have mastered the material covered in class, and solve all problems in homework, you could skip the lab. In that case, I could recommend you some more advanced notes/books and/or additional (maybe challenging) problems.

But if you do have difficulty in either course materials or homework problem, you are recommended to take part in the lab.

Please let me know in advance (send either an email or a Canvas message) if you could not make the lab session

**Homework** Please hand in your homework in the mailbox on the door of my office (3C17).

## Homework Policy:

- Collaboration is encouraged, and you must put your collaborators' name on you homework
- Printed homework ( $\text{\LaTeX}$ ) is recommended.
- You should write your homework in your own words even if you work out the problem with your classmates. Any form of plagiarism is strictly prohibited.

## Important Dates:

Midterm #1 ..... Feb 13, 2018

Midterm #2 ..... Mar 29, 2018

Midterm #3 ..... Apr 24, 2018

**Academic Honesty:** Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation.