ALGEBRAIC GEOMETRY I  
MATH 243A • WINTER 2017  
MWF 12–1, SURGE 284

- Instructor: Carl Mautner  
- Email: mautner@math.ucr.edu  
- Office: Surge 255  
- Office hours: ?? or by appointment  
- Class website: "http://www.math.ucr.edu/~mautner/W17ag"

Course objectives: Affine Algebraic Sets, Projective Algebraic Sets, Sheaves and Algebraic Varieties, Dimension, Tangent Spaces and Singularities, Bezout’s Theorem, and more if time allows!


Grading: The grade will be based on homework assignments. Any instance of cheating may result in a failing grade for the assignment or course.

Homework: Homework will generally be assigned over the course of the week and due the following Wednesday. A list of the homework problems will be kept on the webpage.

Collaboration: You are encouraged to discuss homework problems with other students. However, you should think about the problems yourself before discussing them with others and the final write-up of any solution should be your own. Copying other students’ solutions is not allowed. For each question on the problem set, I ask that you write a list of everyone with whom you collaborated on that problem. If you did not collaborate with anyone, please explicitly write, “No collaborators.”