

Advanced Geometry
Math 529
Syllabus, Winter, 2012

Instructor: Dr. Wenxiang Wang
Office: JB 314
Telephone: 537-5370
Office hours: Tu.Th.: 4-5:30, and by appointment

Textbook: *Geometry* by Brannan,

Course Description: Topics in affine and projective geometry with applications to Euclidean 2 and 3 space and to modern algebra.

We will cover chapters 1-4.

Prerequisites: Math 329, 331 and 345.

Homework: Homework will be assigned at the end of each class but not collected. Homework problems will be discussed in class, these discussions will be of use to you only if you have at least attempted them beforehand.

Exams: There will be a comprehensive final exam and two midterms. Two midterms will be held on 1/31(Tu) and 2/23(Th). The final exam will take place on Thursday, 3/22 at 2pm.

Grading: Course grade will be based on two midterms and the final exam

Final exam	50%
Midterms	50 %

Grading criteria:

90–100%	A
76–89%	B
60–75%	C
50–59%	D

The "+" and "-" will occur at the fringes of the scale.

If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Service to Students with Disabilities at UH-183, (909)537-5238.