

**Transformation Geometry**  
**Math 329**  
**Syllabus, Spring, 2010**

Class meets Monday, Wednesday, and Friday 9:20 – 10:30 a.m., JB 383

**Instructor:** Dr. Charles Stanton  
**Office:** Jack Brown Hall 331  
**Telephone:** (909) 537-5376  
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**URL:** <http://www.math.csusb.edu/faculty/stanton/>  
**Office hours:** Monday, Wednesday, and Friday, 11 a.m.– noon  
Monday and Wednesday 3:20–3:50 p.m.  
and by appointment

**Textbook:** *College Geometry, A Discovery Approach* by David C. Kay, 2nd Edition, Addison Wesley, 2000

**Prerequisite:** Successful completion of Math 251 and High School Geometry .

**Grading:** Your grade will be based on homework, two midterms, and a final exam.

Homework	100 points total
2 Midterms	200 points total
Final exam	150 points
Total	450 pts

**Grading Scale:**

A	92–100
A–	89–91
B+	86–88
B	78–85
B–	74–77

C+	71–73
C	62–70
C–	60–61
D	50–59
F	0–49

**Homework:** Homework will be assigned and collected weekly. Homework should be done neatly and turned in with problems in the proper order.

**Midterms:** The first Midterm will be on Friday, April 30, and the second will be on Wednesday, May 26.

**Final Exam:** Wednesday, June 16, 8 a.m.

**Course content:** The course begins with an axiomatic approach to geometry. We will then proceed to an approach based on transformations. Aspects of non-Euclidean geometry will be discussed. This material is covered in chapters 2 through 5 of the text.

**Students with Disabilities:** If you are in need of an accommodation for a disability in order to participate in this class, please contact Services to Students with Disabilities at UH-183, (909)537-5238.

**State Budget Closure Days and Furlough Days:** Tuesday April 27 and Friday, May 28 the campus will be closed. Monday, May 31 is Memorial Day (state holiday). In addition, Dr. Stanton will be on furlough Thursday, April 8, Thursday May 13, Thursday, June 3, and Tuesday, June 15.

**Last Day to Drop:** April 23