

Summer 2010 GEOMETRY

Instructor: Ariel Chen

Lecture Time: Monday, Wednesday 6:00~8:00pm in Room 10

Textbook: Holt California Geometry by E. Burger et al. Published by Holt McDougal.

ISBN: 003092345X/978-0030923456.

Tentative Lecture/Reading Assignment/Quiz Schedule:

Week	Date	Topics	Quiz (Q) / Reading Assignment (RA)
Wk 1	06/21	Euclidean and Construction (1-1~1-4)	RA: Chap 1
	06/23	Coordinate and Transformation (1-5~1-7)	Q: 1-1~1-4; RA: Chap 2
Wk 2	06/28	Inductive and Deductive Reasoning (2-1~2-4)	Q: Chap 1
	06/30	Mathematical Proof (2-5~2-7)	Q: 2-1~2-4; RA: Chap 3
Wk 3	07/05	Holiday – Independence Day	
	07/07	Lines with Transversals (3-1~3-4)	Q: Chap 2
Wk 4	07/12	Coordinate Geometry (3-5~3-6)	Q: 3-1~3-4; RA: Chap 4
	07/14	Triangles and Congruence (4-1~4-3)	Q: Chap 3
Wk 5	07/19	Proving Triangle Congruence (4-4~4-8)	Q: 4-1~4-3; RA: Chap 5
	07/21	Segments in Triangles (5-1~5-4)	Q: Chap 4
Wk 6	07/26	Relationships in Triangles (5-5~5-8)	Q: 5-1~5-4; RA: Chap 6
	07/28	Polygons and Parallelograms (6-1~6-3)	Q: Chap 5
Wk 7	08/02	Special Quadrilaterals (6-4~6-6)	Q: 6-1~6-3; RA: Chap 7
	08/04	Similarity Relationships (7-1~7-3)	Q: Chap 6
Wk 8	08/09	Applying Similarity (7-4~7-6)	Q: 7-1~7-3; RA: Chap 8
	08/11	Trigonometric Ratios (8-1~8-3)	Q: Chap 7
	<i>A few last topics and wrap up...</i>	Applying Trigonometric Ratios (8-4~8-6)	Q: 8-1~8-3

- **Homework:** There will be homework assigned in each math lesson and due on the following meeting time (15 homework assignments over the summer). Turn homework in **in-class**, by the **start** of class. You are encouraged to work with others on the homework, but remember that what you write down should represent your own understanding of the solution.