

MATH 373 - GEOMETRY I

INSTRUCTOR : Cem Tezer

PRINCIPAL TEXTBOOK : H . S. M. Coxeter , S. L. Greitzer : *Geometry Revisited* .

ASSESSMENT : There will be two midterm ($MT1$, $MT2$) examinations and one final (F) examination with 100 points to be awarded in each. The number grade NG of the student will be

$$NG = 0.3(MT1 + MT2) + 0.40F .$$

Only one make-up examination will be offered for the benefit of those students who have been unable to sit for any of the midterm or final examinations. The make-up will resemble the final examination as regards its form and content and take place shortly after it. The grade obtained in the make-up examination will be treated as the grade obtained in the unattended examination.

LECTURES : Tue 15.40 - 16.30 , Fr 13.40 - 15.30

OFFICE HOUR : Tu 16.40 - 17.30

WEEK	DATES	SUBJECTS COVERED
1	18th Sep. - 22nd Sep.	Basic Features of the Classical Triangle
2	25th Sep. - 29th Sep.	Basic Computational Methods
3	2nd Oct. - 6th Oct.	Theorems of Menelaus and Ceva (1)
4	9th Oct. - 13th Oct.	Theorems of Menelaus and Ceva (2)
5	16th Oct. - 20th Oct.	First Midterm Examination
6	23rd Oct. - 27th Oct.	Simson Lines
7	30th Oct. - 3rd Nov.	A Closer Encounter with the Circle
8	6th Nov. - 10th Nov.	Conic Sections (1)
9	13th Nov. - 17th Nov.	Conic Sections (2)
10	20th Nov. - 24th Nov.	Second Midterm Examination
11	27th Nov. - 1st Dec.	Isometries
12	4th Dec. - 8th Dec.	Similarity Transformations
13	11th Dec. - 15th Dec.	Inversion (1)
14	18th Dec. - 22nd Dec.	Inversion (2)
15	25th Dec. - 29th Dec.	Reciprocation