

# 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 : Mon 12.40-13.30, Wed 13.40-15.30, M-103

OFFICE HOURS : Mon 14.40-17.30, Tue 13.40-15.30, Wed 15.40-17.30

WEEK	DATES	SUBJECTS COVERED
1	22nd Sep. - 26th Sep.	Basic Features of the Classical Triangle
2	6th Oct. - 10th Oct.	Basic Computational Methods
3	13th Oct. - 17th Oct.	Theorems of Menelaus and Ceva (1)
4	20th Oct. - 24th Oct.	Theorems of Menelaus and Ceva (2)
5	27th Oct. - 31st Oct.	<b>First Midterm Examination</b>
6	3rd Nov. - 7th Nov.	Simson Lines
7	10th Oct. - 14th Nov.	A Closer Encounter with the Circle
8	17th Nov. - 21st Nov.	Conic Sections (1)
9	24th Nov. - 28th Nov.	Conic Sections (2)
10	1st Dec. - 5th Dec.	<b>Second Midterm Examination</b>
11	15th Dec. - 19th Dec.	Isometries
12	22nd Dec. - 26th Dec.	Similarity Transformations
13	29th Dec. - 2nd Jan.	Inversion (1)
14	5th Jan. - 9th Jan.	Inversion (2)