MATH 280: Numerical Methods I.

Dr. Y. Lin, CAB 673, O.H. : MWF 2:00-2:50pm phone: 492-7880

TEXT : R. Burden and J. Faires: **Numerical Analysis**, Fourth or Fifth Edition

TIME : MWF 11:00-11:50am

PLACE : CAB 369

GRADING POLICY:

Final: 50%
Midterm: 25%
Lab and Homework: 25%

OUTLINE:

Date	Section from text	Homework due date
Sept. 6-13	§1.1-1.3, & 2.1	
Sept. 16-20	§2.1-2.4	
Sept. 23-27	§2.4-2.6	
		Assig. No. 1 due Oct. 4
Sept. 30-Oct.4	§2.6 & §3.1-3.3	
Oct. 7-11	§3.3-3.5	
		Assig. No. 2 due Oct. 19
Oct. 14-18	§3.5 & §6.1-6.3	
Oct. 21-28	§6.3-6.7 & Review	
		Assig. No. 3 due Nov. 1
Oct. 30	Midterm	
Nov. 1-8	§6.7 & §3.6	
Nov. 11-15	§4.1-4.3	
Nov. 18-22	§4.3-4.5	
		Assig. No. 4 due Nov. 15
Nov.25-29	§4.5-4.6	
Dec. 2-4	§4.7 and review	
		Assig. No. 5 due Dec. 4

The assignments are due at class on the date specified. they will involve both theoretical and computational problmes. You may use your own computer or they may be done in the Macintosh labs where there is help available during the time set aside for Math 280. The T.A. will help you become familar with the PC, Matlab and etc. You may use Fortarn, Pascal or Basic to write your own progarms, but a well-commented program should company the homework.