

## DEPARTMENT OF MATHEMATICS SYLLABUS

Course # & Name: MAT 128A: Numerical Analysis

Recommended Text(s) & Price: "Numerical Analysis," 8th Edition, by  
Burden/Faires

Prepared by: Kurowski      UPC Approval Date: Fall 1989 (Updated  
(Updated by - Angela Cheer)      Fall 2005)

Lecture(s)	Sections	Comments/Topics
2	Chapter 1 (1.1 – 1.3)	
8-9	Chapter 3 (3.1 – 3.6)	
9	Chapter 8 (8.1 – 8.6; note that 8.3 can be done if time allows)	
9	Chapter 4 (4.1 – 4.8)	
28-29 Lectures Total (In a normal Fall Quarter, this leaves one unassigned lecture.)		

### Additional Notes:

There is a midterm and final to this course.

Topics may be taken in the order specified above or chapter 4 may be done before chapter 8.

5-6 computation problems involving the solution of stated problems using the computer are assigned throughout the quarter. Normally one week is allowed for the completion of each computation assignment.