

Math 226: Calculus IV Spring 1991

### Course Information

#### TEXTS:

Boyce & DiPrima, Elementary Differential Equations and Boundary Value Problems, 6th Ed.

Stoer's Outline Series: Matrix Operations

EXAM SCHEDULE: There will be three one-hour exams and a two hour final.

Exam I Thurs, Feb 14, 8:00 a.m. M.O. 1,2,4,5,6,11; B&D 1.1-2.2

Exam II Thurs, Mar 21, 8:00 a.m. B&D 2.3-2.10, 3.1-3.3

Exam III Thurs, Apr 25, 8:00 a.m. B&D 3.4-3.7.1, 4.1-4.3

Final Monday, May 6, 7:30 p.m. B&D 4.4-4.5.1 & comprehensive

The rooms for these exams will be announced when the information becomes available. Exams may be made up

only with an excused absence from the Associate Vice President for Resident Life. Conflicts with exams in other

courses must be resolved during the first week of classes.

LABS: There will be three lab sessions per week:

Tuesday 3:00-5:00 P.M. TBA

Wednesday 7:00-8:30 P.M. CCMB 214

Thursday 3:00-5:00 P.M. TBA

The labs will be staffed by Teaching Assistants who will answer students' questions either individually or in small

groups. Attendance at the labs is optional.

OFFICE HOURS: The Professor and Teaching Assistants will all have posted office hours (subject to change during

the semester). The offices are in the Mathematics Building:

D. Snow CCMB 203

K. Weller CCMB 316

K. Wang CCMB 361

A. O'Shea CCMB 334

GRADES: Grades will be based on a total of 450 points from exam scores: 100 points for each hour exam and 150

points for the final exam. Extra Credit points may be added to this total.

EXTRA CREDIT: Extra points can be earned by turning in up to 3 optional reports (no more than one from each

action listed below) worth 10 points each. Each report must include a discussion of the problem(s), complete

solution(s), computer generated graph(s), must be printed on a laser printer, and must be turned in by the listed dates.

Section I: Mar 8 Section II: Apr 12 Section III: May 3

B&D p. 94, #38+39 B&D p. 155 #27+28 B&D p. 213 #9

B&D p. 94, #45 B&D p. 173 #12+13+20 B&D p. 213 #10+11+12

B&D p. 94, #46 B&D p. 179 #7+8+9 B&D p. 220 #13+14

B&D p. 94, #47

B&D p. 183 #9

B&D p. 233 #10+12

COMPUTER ACCOUNTS: Every student in the course will be given an account on the  
XT computers  
(located in the Computing Center) and will be expected to attend a special  
training session during the period  
Jan. 28 – Feb. 2 (schedules to be announced). The computer will be used for  
professor-student  
communication (questions, reporting grades, etc.) as well as a tool for solving  
exercises in the course and  
generating reports (optional). Some course material will also be made available  
on the Macintosh  
computers in the Computing Center.