

## **B.A. 39 - FINITE MATHEMATICS**

**Pamela Melville**

**Fall 1999**

### OBJECTIVES OF THE COURSE:

1. To develop an appreciation and interest in studying and understanding the theory and applications of finite mathematics and quantitative methods in solving problems in accounting, management, and information systems.
2. To meet the prerequisites of advanced business math classes.

### TEXT AND MATERIALS TO BE USED:

1. Lial, Greenwell, and Miller, FINITE MATHEMATICS, Sixth Edition, Addison-Wesley, 1998
2. Study Guide (optional)
3. Lined binder paper that is NON-SPIRAL (8 ½ by 11), graph paper, 3 sharpened pencils, two working pens, a folder, and a good quality eraser (e.g. Magic Rub).
4. Scientific Calculator - TI 30

### MATERIALS TO BE COVERED IN B.A. 39:

1. Use of the Calculator
2. Linear equations
3. Matrices
4. Linear Programming
5. Mathematics of Finance
6. Set Theory and Probability
7. Counting Principles and Probability

### METHODOLOGY:

Students will be expected to read the material in the chapters and handouts, complete assigned exercises, and participate in class activities. Lecture will serve the purpose of clarifying and expanding upon the material.

### ASSIGNMENTS:

1. Assignments must be read before class discussions.
2. It is your responsibility to find out what the assignments are for each class session. Either check with a classmate or call me. There will be no excuse for being unprepared.
3. There will be NO make-up exams. You may take the exam early if you cannot be present on the day of the exam. Your lowest score on the exams will be thrown out.
4. If you must be absent, you may mail your assignment to me and receive full credit. It must be postmarked the same day class meets or before.

Mail to: Pamela Melville  
c/o Reedley College  
995 N. Reed Avenue  
Reedley, CA 93654

5. There are no extra credit assignments. Make sure you keep up with the required work.
6. You must keep a folder of your grade sheet and assignments. This will be turned in at the end of the semester.

POLICIES AND PROCEDURES:

1. There will be NO sunglasses worn during class.
2. Being on time to class (seated and ready to go at the start of class) is an important job skill. Others are depending on you. Each student is permitted to be tardy 3 times each semester. More than 3 is excessive and will cause a loss of 5 points per excessive tardy.
3. Quiet gum chewing is permitted.
4. No recording devices are permitted without consent of instructor.
5. Hats will not be worn in class.
6. No food or drink are permitted in class.
7. Your being in class is important to your learning. You should consider classes to be your job and grades your merit pay. Employees who do not show up to work do not get paid. Each student is given three days of "sick/other leave" per semester. More than three absences for whatever reason (appointments, sickness, funeral, accident, etc.) are considered excessive and will cause a loss of 10 points per excessive absence. **Note: Industry standards state that an employee should not be absent more than once every two months.**
8. Needing to use the restroom must be done outside of class time. Plan appropriately.
9. Needing to leave early for whatever reason will be considered a tardy or absence depending on the amount of time missed.
10. Make sure your beepers, cell phones, and any other devices that may go off are turned off before entering the classroom. A loss of 15 points will be deducted each time one of these devices interrupts the class.
11. I will not be responsible for purging you from class. If you chose to stop coming, make sure you drop the class.
12. I have the right to teach and you and your classmates have the right to learn. Please be considerate and respectful of others.

POINTS:

The tentative breakdown for points is:

1.	7 exams @ 100 points each (lowest score thrown out except if caught cheating)	600
2.	homework	200
3.	quizzes	200
4.	Class participation, in class assignments, etc.	100
5.	Folder	50
	Total	<u>1150</u>

GRADING SCALE:

A percentage of the total points will be computed and a grade will be assigned according to the following breakdown:

90 - 100 = A

80 - 89 = B

65 - 79 = C

50 - 64 = D

0 - 59 = F

**\*\*\*\*\*Drop Date: Friday, October 15, 1999\*\*\*\*\***

Your seventh week progress will be based on 2 exams, 3 quizzes, and 4 homework assignments.

Dropping from this class is YOUR RESPONSIBILITY. Failure to drop could result in a grade being issued. Remember to turn in a drop slip if you stop coming to class.

Scheduled Holidays:

Monday, September 6

Thursday, November 11

Thursday and Friday, November 25 and 26

Meeting times:

Monday, Wednesday, and Friday, August 16 - December 10, 1999

9:00 - 9:50 a.m.

Final Exam: Friday, December 17, 1999 at 8 a.m.

**Please note: This will be the only time the final is given. Make all the necessary arrangements to be there.**

Pamela Melville

Office Hours: Monday, Tuesday, and Wednesday 11 - 11:50 a.m.

638-3641, ext. 3264

638-9589 (7:15 a.m. to 10 p.m. Monday - Friday)

(8:00 a.m. to 10 p.m. Saturday - Sunday)

E-mail: pam.melville@do1.scccd.cc.ca.us

BA39cg/F99

**WELCOME TO B.A. 39**

Please tell me a little about yourself. (Please write legibly.)

Name: \_\_\_\_\_

What is your major? \_\_\_\_\_

How many units are you taking this semester? \_\_\_\_\_

Are you working? \_\_\_\_\_

How many hours do you work? \_\_\_\_\_

What was your last class dealing with numbers? \_\_\_\_\_

When did you take it? \_\_\_\_\_

Did you successfully complete Math 3 or the second year of HS Algebra? (Please include where, when, and the name of the teacher.)

\_\_\_\_\_  
\_\_\_\_\_

Do you have any special concerns about this course? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

What do you hope to be doing ten years from now? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

What else would you like me to know about you? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

I acknowledge receipt of this B.A. 39 COURSE OUTLINE and understand the attendance, evaluation, grading, no makeup, and voice recording policies stated in the course outline.

\_\_\_\_\_  
Signed \_\_\_\_\_ Date \_\_\_\_\_