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**MA098 Basic Mathematics**

**8/2002. Mathematics Program, CUH**

<b>Instructor:</b>	Subbu Raman L. / MORI	<b>Day:</b>	Monday, Wednesday, Friday
<b>Phone:</b>	(808) 277-5861	<b>Time:</b>	11:00- 11:50 a.m.
<b>E-mail:</b>	subbujan@yahoo.com	<b>Location:</b>	EDU 102
<b>Text:</b>	(1) McKeague, Charles P. (2001). PreAlgebra (4 <sup>th</sup> edition). Brooks/Cole Publishing Company.		

**Course Description**

MA098 is a course that focuses on improving the basic arithmetic skills. No college credit will be earned with MA098. MA098 will cover topics associated with arithmetic and prealgebra such as whole and mixed numbers, fractions, exponents, decimals, solving equations, ratios, and percentages.

**Prerequisites:** Placement Test.

**Course Objectives**

Upon successful completion of the course, students will:

1. be able to gain a firm foundation in arithmetic.
2. be able to handle higher levels of math such as college algebra.
3. gain sufficient skills to manipulate algebraic expressions, solving equations, numbering systems, and ratios.

**Course Management**

*General:* As a course in the mathematics program, students are expected to be capable problem-solvers, skillful communicators, and motivated professionals. The students are expected to have completed all assignments prior to coming to class.

*Attendance:* Students are expected to attend all the scheduled classes. Active participation in class discussions and topics will help in successful completion of this course. Students may make arrangements with me for work missed due to emergencies.

## **Grading**

### *Course Grading Policy*

“A” represents superior scholarly performance and excellent intellectual initiative with the coursework.

“B” represents successful mastery of the specific learning objectives. Students who do a good quality work in a consistent intellectual manner will be assigned this grade.

“C” represents satisfactory work and provided to students who show a competent understanding of the course work.

“D” represents the lowest passing grade but not sufficient to fulfill the prerequisite work.

“F” represents a failing grade. Students with this grade lack proper understanding of the course objectives. No credit is given to students who have obtained a “F” grade.

Total points:	900
810 or more:	A
720 or more:	B
630 or more:	C
540 or more:	D
Below 540 :	F

Graded Activity	Maximum Points	Earned Points	Running Total
Assignments	15 @ 25 points each		
Quizzes	8 @ 50 points each		
Participation	10 points		
Attendance	15 points		
Final Exam	100 points		
Total	900 points		

**Course Schedule**

Week	Date	Topics	Assignments
Week 1	8/26	Section 1.1	
	8/28	Section 1.3, 1.4, & 1.5	
	8/30	Section 1.7 & 1.8	
Week 2	9/2	LABOR DAY	
	9/4	Section 1.9	Assignment 1 due
	9/6	Section 1.10	
Week 3	9/9	Section 2.1	Assignment 2 due Quiz 1
	9/11	Section 2.2 & 2.3	
	9/13	Section 2.4 & 2.5	
Week 4	9/16	Section 2.6	Assignment 3 due
	9/18	Section 2.8 & 2.9	
	9/20	Section 3.2	
Week 5	9/23		Assignment 4 due Quiz 2
	9/25	Section 3.3 & 3.4	
	9/27	Section 3.5	
Week 6	9/30	Section 3.6 & 3.7	Assignment 5 due
	10/2	Section 3.8	
	10/4	Section 3.9	
Week 7	10/7	Section 5.1	Assignment 6 due Quiz 3
	10/9	Section 5.2, 5.3, & 5.4	
	10/11	Section 5.5 & 5.6	Assignment 7 due
Week 8	10/14	Section 4.1	Quiz 4
	10/16	Section 4.2 & 4.3	
	10/18	Section 4.4	
Week 9	10/21	Section 4.5	Assignment 8 due
	10/23	Section 6.1 & 6.2	
	10/25		Quiz 5
Week 10	10/28	Section 6.3	Assignment 9 due
	10/30	Section 6.4 & 6.5	
	11/1	Section 6.6	Assignment 10 due
Week 11	11/4		Assignment 11 due Quiz 6
	11/6	Section 7.1	
	11/8	Section 7.2 & 7.3	
Week 12	11/11	VETERANS' DAY	
	11/13	Section 7.4 & 7.5	Assignment 12 due
	11/15	Section 7.6	
Week 13	11/18		Assignment 13 due Quiz 7

	11/20	Section 5.7	
	11/22	Section 5.8 & 5.9	
Week 14	11/25	Section 4.7	Assignment 14 due
	11/27	Section 4.8	
	11/29	Section 4.9	
Week 15	12/2		Assignment 15 due Quiz 8
	12/4	Review Chapters 1, 2, & 3	
	12/6	Review Chapters 4, 5, 6 Good Luck for the Finals!!!	

**Final Exam: Wednesday, December 11, 2002 at 10:30 – 12:30 p.m.**