I. Description of Course:

1. Department/Course: MATH - 190
2. Title: Basic Mathematics
3. Cross Reference:
4. Units: 2
   Lec Hrs: 3
   Lab Hrs:
   Tot Hrs: 54.00
5. Repeatability: No
6. Grade Options: Grade Only (GR)

7. Degree/Applicability: Credit, Not Degree Applicable (C)
8. General Education: 
9. Field Trips: Not Required
10. Requisites: 

12. Catalog Description:
This course includes a study of 1) the arithmetic of whole numbers, fractions, and decimals; 2) applications of arithmetic-ratios, percents, word problems, and U.S. and Metric Systems of measurement; 3) statistical graphs, measurement of central tendency, and word problems employing those concepts. Not applicable to associate degree.

13. Class Schedule Description:
Fractions, decimals, percents, word problems and measurement. Not applicable to associate degree.

14. Counselor Information:
This course gives the student a working knowledge of arithmetic and some of its applications in our modern society and also gives the students the necessary preparation in arithmetic to then proceed into the pre-algebra course. It is not applicable to an Associate degree.

II. Student Learning Outcomes
The student will:
1. Solve numerous problems in order to gain mastery of the arithmetic skills needed for everyday situations.
2. Demonstrate a systematic and logical approach to solving arithmetic problems.
3. Demonstrate the knowledge and skills required to select the correct introductory formulas and apply the correct procedures to solve word problems related to practical situations.

III. Course Outline:
A. Addition, Multiplication and Powers of Whole Numbers
B. Subtraction, Division and Roots of Whole Numbers
C. Fractions
D. Decimals
E. Ratio, Proportion and Percent
F. Measurements and Statistics