Course Prefix and Number:  BSK 1  
Credits:  1

Course Title:  Whole Numbers

Course Description:  Covers whole number principles and computations. Develops the mathematical mastery necessary for MTE 1. Credits not applicable toward graduation. Lecture 4 hours per week for ¼ semester.

General Course Purpose:  This course is designed to provide understanding and practice in whole numbers and operations on whole numbers.

Course Prerequisites and Co-requisites:  
None

Course Objectives:  
Upon completing the course, the student will be able to 
a. Identify place value of whole numbers; 
b. Add whole numbers without aid of a calculator; 
c. Subtract whole numbers without aid of a calculator; 
d. Multiply whole numbers without aid of a calculator; 
e. Divide whole numbers, giving answers in terms of quotient and remainder, without aid of a calculator; 
f. Use order of operations to simplify numeric expression; 
g. Determine appropriate whole number operation, given a sample situation; 
h. Round numbers to the indicated precision; 
i. Find the average of a list of numbers; and 
j. Find the perimeter and area of a rectangle.

Major Topics to Be Included: 
a. Place value 
b. Addition 
c. Subtraction 
d. Multiplication 
e. Division 
f. Estimation 
g. Order of operations 
h. Applications – area, perimeter, average

Effective Date of Course Content Summary:  January 2, 2012