

North Hennepin Community College

MATH 0700: Basic Mathematics

A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course focuses on developing number sense and by-hand operation skills on whole numbers: addition, subtraction, multiplication, and division. Other topics include place-value and order, rounding and estimation, fraction number sense, order of operations, and straightforward one-step application problems. Optional topics may include geometry, simplifying fractions, the four operations with fractions, and number sense regarding decimals. Credit does not apply to a degree. This course is graded on a pass/no credit basis.

Students needing work with the four operations on whole numbers should take this course before taking Math 0800.

B. COURSE EFFECTIVE DATES: 05/24/2010 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. See Course Description and Course Outcomes.

D. LEARNING OUTCOMES (General)

1. Understand place-value and be able to round and estimate (MnTC Goal 4, comp. b);
2. Add, subtract, multiply, and divide whole numbers (MnTC Goal 4, comp. b);
3. Correctly apply the order of operations (MnTC Goal 4, comp. b);
4. Solve straightforward one-step application problems involving whole numbers (MnTC Goal 4, comps. a,b; NHCC Core Ability: Critical Thinking, comps. a,c);
5. Develop an improved number sense in regards to whole numbers and fractions (MnTC Goal 4, comp. b).

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted