

# 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