Course Title: Arithmetic with Applications
Semester Course Prefix and Number: MATH 0091
Old Quarter Course Prefix and Number: MATH 090

Number of Credits: 2
Number of Lecture Credits: 2
Number of Lab Credits: 
Number of Lab Hours: 
Number of Studio/Demonstration/Internship Credits: 

Course Purpose Code:

0 – Developmental Courses
1 – Non-transferable, General Education
2 – Technical course related to career programs
3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
4 - Other college course not considered a part of general education (MNCTC) e.g. computer science, health, physical education
5 – Course which is intended to fulfill Minnesota Transfer Curriculum (MNCTC) requirements.
9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
This course is designed for students whose background in mathematics showed marked deficiencies. Emphasis is on operational rules of arithmetic and their applications to solving problems.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): None
Reading Prerequisite: None
Composition Prerequisite: None
Mathematics Prerequisite: None

Career Programs and Transfer Majors Accessing this Course:

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable: Notes: No more than two goals may be met by any one course. (Curriculum Committee review and the Chief Academic Officer’s approval are required).

0. x None
1. _____ Communications
2. _____ Critical Thinking
3. _____ Natural Sciences
4. _____ Mathematical/Logical Reasoning
5. _____ History and the Social and Behavioral Sciences
6. _____ The Humanities and Fine Arts
7. _____ Human Diversity
8. _____ Global Perspectives
9. _____ Ethical and Civic Responsibility
10. _____ People and the Environment

Approved 3/8/02
Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:

The goal is to increase students' knowledge about mathematical and logical modes of thinking.

Student assessment methods:

Tests
Workbooks

Use of instructional technology (includes software, interactive video and other instructional technologies):

Outline of the major course content:

The course develops rules for operations with fractions and decimals and their applications to solving problems in measurement, business, and other “real-life” situations.

Additional special information (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Approvals:

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Distribution: Original – Administrative Office, Library, Learning Center, Records, Student Services, Curriculum Committee Chair

Approved 3/8/02