Course Title: Beginning Algebra
Semester Course Prefix and Number: Math 0093
Submitted By: Monica Pavek
Approval Date: March 2011
Number of Credits: 3
Semester(s) Offered: All
Class Size: 25
Negotiated by AASC on:
Number of Lecture Credits: 3
Number of Lab Credits: 
Number of Lab Hours: 
Number of Studio/Demonstration/Internship Credits: 

Course Purpose Code:

0 – Developmental Courses
1 – Non-transferable
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 MNTC (e.g. computer science, health, physical education)

5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.
9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
This course is a review of operations with real numbers, polynomials, and exponents. Solutions of linear equations and applications; factoring; operations with rational expressions and solution of rational equations are also included in this course.

Prerequisites and/or recommended entry skills/knowledge:
Course Prerequisite(s): MATH 0090
Reading Prerequisite: 
Composition Prerequisite: 
Mathematics Prerequisite: Placement by CPT Score or a grade of "C" or higher in MATH 0090

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. 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
**Learning Outcomes**: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:
- Demonstrate proficiency in solving linear, quadratic equations.
- Demonstrate proficiency in using the properties of exponents.
- Demonstrate proficiency in factoring and simplifying radical expressions.

**Student Assessment Methods**: 

Portfolio (notebook)  
Quizzes  
Homework  
Exams

**Use of Instructional Technology**: (includes software, interactive video and other instructional technologies):

This course suggests the use of technology with the Hawkes Learning Systems' mastery-based homework and testing system.

**Additional Special Information**: (special fees, directives on hazardous materials, etc.)

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

**Course Outline Revision History**: 

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**Distribution**: Original – Instructional Services  
**Copies**: Transfer Specialist, Originating Faculty Member, Records  
**Revised**: March 2010