

PREPARATION FOR COLLEGE MATHEMATICS, CERTIFICATE OF COMPETENCY

Control Number: 41169

Not Financial Aid Eligible

Consisting of two tuition-free noncredit courses, this certificate is designed for students who want to move on confidently to MATH C100, C103, C104, C106, C115, C120, C150, C160, and transfer, or for anyone who wants to enhance his or her pre-college level mathematics skills without taking any credit class. Students in the course will review Fractions, Decimals, and Percents, and study the Real Number System, Linear Equations and Inequality of One Variable, Linear Equations and Inequality in Two Variables, System of Linear Equations and Inequalities, Exponents and Polynomials, Factoring and Applications, Rational Expressions, Roots and Radicals, and quadratic Equations. There are no skills prerequisites for these courses, which may be taken concurrently or sequentially. In addition, the certificate will prepare students with math skills to complete the mathematics requirement for AA, AS or other certificate programs, and prepare students for workforce development skills.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Evaluate algebraic expressions involving the real number system and solve simple algebraic equations.
2. Solve and graph linear equations and solve simple quadratic, rational, and radical equations.

This award confirms that a student has completed a noncredit program that prepares students to progress in a career path or to take degree-applicable courses.

| Course | Title | Hours |
|-------------------------|---------------------------------------|------------|
| Required Core | | |
| Complete the following: | | |
| MATH C003N | Preparation for College Mathematics 1 | 54 |
| MATH C004N | Preparation for College Mathematics 2 | 54 |
| Total Hours | | 108 |