



## **CURRICULUM GUIDE 2020-2021**

### **MATH FOUNDATIONS**

#### **Certificate of Competency in Math Foundations**

This noncredit certificate provides students with the basic math skills necessary to be prepared for transfer level coursework in majors in business, science, technology, engineering, and mathematics (B-STEM). Students learn the algebra skills necessary for success in later courses.

#### **Requirements for Certificate of Competency**

- a) Complete a minimum of two courses at Ohlone College.

#### **Student Learning Outcomes**

1. Simplify various algebraic expressions.
2. Solve various algebraic equations; including linear, quadratic, rational, and radical equations.
3. Graph linear and quadratic functions and interpret the qualitative behaviors of graphs.
4. Describe domain and range for various functions.

Complete a minimum of two courses from the following courses:

MATH-951	Algebra I	72 hours
MATH-952	Algebra II	54 hours
MATH-992	Arithmetic and Pre-Algebra	<u>72 hours</u>
		126-144 hours