



CURRICULUM GUIDE 2021-2022

STEM CONCEPTS

Certificate of Completion in STEM Concepts

INTEREST AREA: SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

This noncredit certificate provides students with review and remediation of the math skills necessary for transfer level coursework in STEM majors in addition to teaching key aspects of college success in math courses. Students will learn the math competencies necessary for success in their current math courses.

Requirements for Certificate of Completion

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

Student Learning Outcomes

1. Solve equations with algebraic and transcendental functions.
2. Use algebraic and transcendental functions to model real world applications.
3. Analyze the qualitative behavior of graphs of various algebraic and transcendental functions.
4. Utilize study skill techniques specific to math success.

Complete a minimum of three courses from the following courses:

MATH-901	Foundations of Math Success	9 hours
MATH-901AX	Calculus I Support	18 hours
MATH-986X	Pre-Calculus I Support	18 hours
MATH-987X	Pre-Calculus II Support	<u>18 hours</u>
		45-54 hours