



2025 Summer Math Academy

July 21, 2025 – August 14, 2025

4-Week Math Refresher! Free to Enroll!

**Build upon your math skills with a trained professor guiding you!
Study in a friendly, test-free and stress-free learning environment!**

What do you need to do?

Step 1: Determine which academy is right for you!

PASS 510: Scientific Math Academy

Covers the arithmetic skills commonly used in science lab courses. Some topics include converting numbers to scientific notation, place values and rounding, scatterplots and graphing linear equations, converting between percents, fractions, and decimals, metric system, calculating area and volume, as well as exploring exponents and logarithms.

Use this academy if you need to take:

CHEM 4: Beginning Chemistry *or*
CHEM 20: Fundamentals of Chemistry *or*
CHEM 21A: Survey of General & Organic Chemistry

PASS 514: Algebra Academy

Covers real number solutions and applications of linear equations, quadratic equations, linear inequalities, and systems of linear equations.

Use this academy if you need to take:

MATH 120 Liberal Arts Math *or*
MATH 110: Structures and Concepts in Math *or*
MATH 116: Geometry & Measurement for Teachers

PASS 516: Intermediate Algebra Academy

Covers a large library of basic functions and their graphs to strengthen and expand students' algebra skills.

Use this academy if you need to take:

MATH 140: Finite Mathematics *or*
MATH 170: Trigonometry

PASS 518: Pre-Calculus Academy

Covers polynomial, rational, exponential, logarithmic, and trigonometric functions, as well as their inverses.

Use this academy if you need to take:

MATH 180: Pre-Calculus *or*
MATH 165: Business Calculus *or*
MATH 190: Calculus I

PASS 520: Calculus Academy

Covers evaluating limits, and rules of differentiation and integration. Focus will also include limits, differentiation, and integration of trigonometric functions.

Use this academy if you need to take:

MATH 191: Calculus II.

PASS 512: Statistics Academy

Covers arithmetic and pre-algebra skills commonly used in introductory statistics. Topics include place values and rounding, scatterplots and graphing linear equations, converting between percents, fractions, and decimals, calculating area, and interpreting mean and standard deviation.

Use this academy if you need to take:

STAT C-1000: Elementary Statistics
COMS 180: Data-Driven Persuasion
PSYC 109A: Intro to Statistics... Behavioral Sciences
SOC 109A: Intro to Statistics... Behavioral Sciences

Step 2: Register in your MyECC account when Summer 2025 registration begins.

For more information, call the Division of Mathematical Sciences at 310-660-3200 or email the division at math@elcamino.edu.