El Camino College

2025 Winter Math Academy

January 13, 2025 – February 6, 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!

Scientific Math Academy
Covers 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 percent, fraction, and decimal, 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 & Org. Chemistry

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 130: College Algebra *or*
MATH 140: Finite Mathematics *or*
MATH 170: Trigonometry

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 percent, fraction, and decimal, calculating area, and interpreting mean and standard deviation. Use this academy if you need to take:
MATH 150: Elementary Statistics.
COMS 180: Data-Driven Persuasion
PSYC 109A: Introduction to Statistics and Data Analysis for the Behavioral Sciences
SOCI 109A: Introduction to Statistics and Data Analysis for the Behavioral Sciences

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 & Measure. for Teachers

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

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.

Step 2: Sign up by scanning the QR code.
You will be prompted to log into your MyECC account before the sign-up form appears.

For more information, contact Dr. Malinni Roeun at mroeun@elcamino.edu.