

NONCREDIT MATHEMATICS

NONCREDIT MATHEMATICS COURSES

NMAT 200C - Concurrent Support for SLAM Mathematics

0 units

Concurrent Support for SLAM Math is for students interested in disciplines that require Statistics and Liberal Arts Mathematics (SLAM) courses. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as Statistics and Mathematics for Liberal Arts, and Finite Mathematics. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course. 54 hours laboratory.

Corequisite: STAT C1000, or MATH 47, or MATH 33.

- Noncredit
- Grading Option: Pass/No Pass

NMAT 201C - Concurrent Support for BSTEM Mathematics

0 units

Concurrent Support for BSTEM Math is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a STEM-sequence math course, such as Calculus I, Precalculus, College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course. 54 hours laboratory.

Corequisite: MATH 21, or MATH 22, or MATH 30, or MATH 39, or MATH 34.

- Noncredit
- Grading Option: Pass/No Pass

NMAT 202C - Just In Time Tutoring for Mathematics

0 units

This course offers individualized support tailored to college students seeking assistance with their mathematics coursework. Trained tutors and instructors will provide tutoring in foundational mathematics subjects. Students will also develop the study skills needed to succeed in their math classes. 1 hour laboratory.

- Noncredit
- Grading Option: Pass/No Pass

NMAT 255 - Intermediate Algebra

0 units

Intermediate Algebra concepts will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Students can petition to get credit for the Math 55 Intermediate Algebra course by examination. 90 hours lecture.

Prerequisite: Elementary Algebra or a higher level of mathematics.

- Noncredit

- Grading Option: Letter or Pass/No Pass

NMAT 255C - Concurrent Support for Intermediate Algebra

0 units

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more. 54 hours laboratory.

Corequisite: MATH 55 or NMAT 255 or MATH 50 or NMAT 250.

- Noncredit
- Grading Option: Pass/No Pass

NMAT 256 - Geometry

0 units

Topics include congruence, similarity, right triangles, trigonometry, circles, expressing geometric properties with equations, geometric measurement and dimension, modeling with geometry, conditional probability and the rules of probability, and using probability to make decisions. 54 hours lecture, 27 hours laboratory.

Prerequisite: Elementary Algebra or a higher level of mathematics.

- Noncredit
- Grading Option: Letter or Pass/No Pass

NMAT 264 - Math Jam for SLAM Preparation

0 units

Math Jam for SLAM Prep is for students preparing for math courses in Introduction to Statistics or Mathematics for Liberal Arts. Math Jam is a FREE noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning prerequisite algebraic and basic probability material with the goal of preparing them to be successful in their upcoming first-level transfer course of Statistics or Math for Liberal Arts class. It is strongly recommended that students taking this course be enrolled in STAT C1000 Introduction to Statistics or MATH 47 Mathematics for Liberal Arts at Las Positas College. 12 hours laboratory.

- Noncredit
- Grading Option: Pass/No Pass

NMAT 265 - Math Jam for BSTEM & Calculus I Preparation

0 units

Math Jam for BSTEM & Calculus I Preparation is for students preparing for math courses, such as review for Calculus I, College Algebra, Trigonometry, or Business Calculus. Math Jam is a noncredit program designed to help students prepare for their upcoming STEM focused math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning pre-and first-transfer level material with the goal of preparing them to be successful in their upcoming math class. It is strongly recommended that students taking this course be enrolled in a community college math course. 12 hours laboratory.

- Noncredit
- Grading Option: Pass/No Pass