NONCREDIT MATHEMATICS

COLLEGE MATHEMATICS SUPPORT CERTIFICATE OF COMPETENCY (NY)

About the Program

College Mathematics Support is a noncredit program for all Las Positas College students. This pathway is designed to offer students prior and concurrent support as they prepare for the credit transfer-level math course required to transfer. Embedded are essential study and life skills to develop each student holistically as well as rigorous learning support of prerequisite and key math concepts. Prior to starting math courses, Math Jam assists students prepare for their target transfer-level math course required to transfer to a four-year program based on their educational goal. During the semester, concurrent support courses enable students to receive rigorous prerequisite review of math concepts and study skills to apply in their math classes. Research at our college and similar community colleges have shown that supports such as these have a huge impact on student retention and success rates.

Program Outcomes

- Upon completion of the Certificate of Competency in College Mathematics Support, students are able to demonstrate the appropriate skills necessary to become a more productive, successful, and independent learner.
- Upon completion of the Certificate of Competency in College Mathematics Support, students are able to formulate short-term and long-term learning objectives based on their academic goal(s). Students in this program have a goal to develop their knowledge, skills and abilities in preparing transfer.
- Upon completion of the Certificate of Competency in College Mathematics Support, students are able to learn and apply study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (examples of topics include brain research, identifying their individual growth mindset, personal time management, test taking and conquering math anxiety strategies, etc.).
- Upon completion of the Certificate of Competency in College Mathematics Support, students are able to use prerequisite topics effectively in their target mathematics course.

Required Core: Select One or More (12-174 Hours)

Prefix	#	Title	Hours
NMAT	255C	Concurrent Support for Intermediate Algebra	54
NMAT	264	Math Jam for SLAM Preparation	12-60
NMAT	265	Math Jam for BSTEM Preparation	12-60

Capstone: Select One (54 hours)

Prefix	#	Title	Hours
NMAT	200C	Concurrent Support for SLAM Mathematics	54
NMAT	201C	Concurrent Support for BSTEM Mathematics	54

Total Hours: 66-228