MATHEMATICS

MATHEMATICS

Mathematics is one of the oldest intellectual disciplines, yet it has never lost its relevance; we are continually finding new and exciting applications in fields as diverse as biology and counter-terrorism. Mathematical methods play a pivotal role in bioinformatics, cryptography, computer graphics, analysis of large-scale networks, cyber security and operations research, as well as in computer science, engineering, business, and the natural, physical and social sciences. Applications of mathematics can be found in many vocational disciplines such as carpentry, electronics, automotive technology and welding.

The Mathematics department at Las Positas College offers a wide range of courses in a variety of formats designed to meet the needs of a diverse student population. Whatever your educational goals, we have the courses you need to succeed. We offer a full lower-division curriculum which prepares students for obtaining an associate degree or transferring to four-year institutions.

Programs of Study

Degrees:

- AS-T – Mathematics

In addition, the Mathematics Department at Las Positas College offers a wide range of tuition-free, noncredit courses and programs designed to help students be successful in mathematics, from student learning support to being a math tutor. Course offerings include sections from our award-winning Math Jam program, foundational math classes in Prealgebra and Algebra, and our new concurrent support courses. Students interested in developing their tutoring skills can take training courses in our Math Jam mode. Most classes are mirrored in the math department and can be taken for noncredit or credit.

Career Opportunities

The Associate of Science Degree in Mathematics for Transfer is intended to provide an option for students who plan to complete a bachelor's degree in a similar major at a CSU campus, or pursue a teaching career, since teachers of mathematics are always in demand. The study of mathematics can prepare students for a variety of technical and scientific careers. The problem-solving and communication skills acquired are valuable in business, industry, and everyday life, and mathematics is an essential component of any engineering or science degree.