MATH COURSES

Basic Skills
Foundation courses required for transfer-level Science and Engineering or Business and Social Sciences classes.

- Pre-Algebra ..................... 4.0 units
- Elementary Algebra ............ 5.0 units
- Intermediate Algebra .......... 5.0 units
- Core Intermediate Algebra ..... 4.0 units

Math for Science and Engineering
A complete set of transferable, lower undergraduate mathematics courses. Various combinations are required for MATH, CS, ENGR, CHEM, or other transfer majors.

- Trigonometry .................... 4.0 units
- College Algebra ................. 3.0 units
- Pre-Calculus ...................... 5.0 units
- Calculus I, II, III ............... 5.0 units
- Discrete Math .................... 4.0 units
- Elementary Linear Algebra ..... 3.5 units
- Differential Equations .......... 3.5 units

Math for Business and Liberal Arts
These courses provide the Mathematics skills required for Business and Social Sciences. All are transfer-level classes. One or two of these are often required for BUSN, PSYC, SOC, GEOL, ANTH, or other transfer majors.

- Finite Mathematics ............. 4.0 units
- Business Calculus .............. 5.0 units
- Statistics and Probability ..... 4.0 units
- Mathematics for Liberal Arts  3.0 units

Career Technical Math
Tailored for specific areas, developed with faculty in that discipline. Examples: Math for Automotive Technicians and Math for Emergency Medical Technicians.

- Applied Math for technicians... 3.0 units

Support Courses
See inside for more information on Math Jam, a weeklong preparation course.

- Prealgebra, Beginning Algebra,
- Intermediate Algebra, Trigonometry/
- Precalculus/Business Calculus, and
- Statistics/Math for Liberal Arts..... 0.0 units.
The Integrated Learning Center (ILC) houses the Open Math Lab. Located in Room 601, it is a cornerstone of Math success at Las Positas College.

- Free drop-in Math assistance from LPC Math instructors.
- Open Monday through Friday.
- Computers designated for math use are available.
- Communal work environment.

**Math Jam**
Math Jam is an award-winning, intensive, one-week program offered the week prior to the start of the Semester. Math Jam is designed to help you achieve your math goals. During Math Jam you will work in a self-accelerated environment with faculty and tutors in a fun and supportive atmosphere. It is free to all LPC students!

Support is offered at the Pre-Algebra, Algebra, Statistics and Trig/Pre-Calculus levels.

For more information visit: [http://www.laspositascollege.edu/mathjam/](http://www.laspositascollege.edu/mathjam/)

"I learned much more than I thought possible, and all in all, this was a great way to spend my time before the semester started." – MJ

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**Math Placement Test.**
The assessment test places you into a specific level of math, English, English as a second language (ESL), and/or chemistry. It determines where you start in the sequence of courses and how long it will take for you to get your degree or transfer. The better you do, the fewer classes you will need to reach your goal. For more information, including practice exams to review, please visit: [www.laspositascollege.edu/assessmentcenter/](http://www.laspositascollege.edu/assessmentcenter/)

- **Tutorial Center (Room 2401)**
  In addition to the support from the ILC, students can receive one hour per week of scheduled one-on-one tutoring or unlimited drop-in tutoring for free from the Tutorial Center.

- **Mathematics Club**
  Any LPC student who has an interest in mathematics may join the society. Students may join the society even if they are unable to attend talks. Dues are $10 per semester.

- **The Mu Alpha Theta Honor Society** is a national honor society open to any student with a 3.0 GPA in all math courses from College Algebra/Precalculus and above

- **AMATYC Competitions**
- **Local and national scholarship opportunities available!**

For more information, please visit: [www.laspositascollege.edu/math/](http://www.laspositascollege.edu/math/)