

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.

Pre-Algebra, Beginning Algebra,
Intermediate Algebra, Trigonometry/
Precalculus/Business Calculus, and
Statistics/Math for Liberal Arts.....0.0 units.

MATHEMATICS DEPARTMENT

The Department of Mathematics 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 Math courses and support programs you need to succeed.

Course formats (or modes):

- Lecture *
- Online/Hybrid
- Math Emporium: A Personalized Learning Mode.**

*Courses may use interactive eBooks and online homework systems

** <http://www.laspositascollege.edu/mathemporium/>

Course offerings include a full lower division curriculum which prepares students for transfer to 4-year institutions, basic skills, and college preparatory Math courses, and Math courses designed to develop trade-specific skills.

A Mathematics Associate Degree for transfer in is available and accepted by all CSUs. This degree guarantees junior status in the major on upon matriculation.

Careers in Mathematics

“Mathematics opens the doors to many promising career paths. Not only do many professions and majors require courses in mathematics, but the analytical and problem-solving skills students learn in mathematics can apply to all disciplines.” -

Maa.org/careers

For more information, please visit:

<http://www.laspositascollege.edu/math/MathMajors>

LAS POSITAS COLLEGE MATHEMATICS

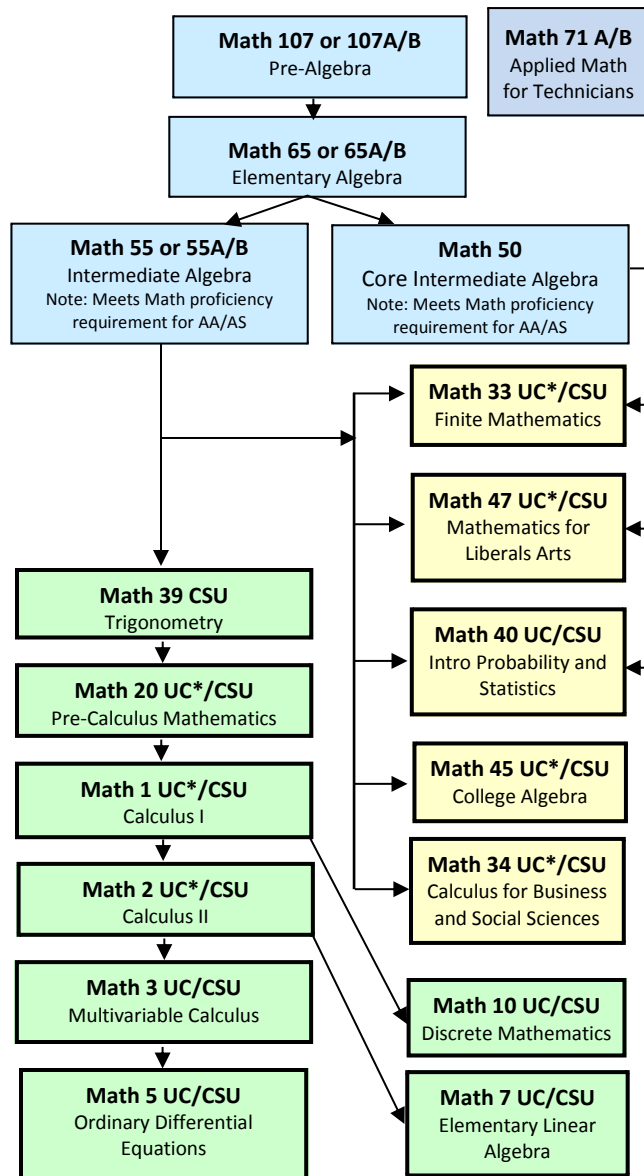
“We are here to help you SUCCEED at math.”



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LAS POSITAS COLLEGE MATH PREREQUISITE CHART



CSU = Courses are transferable to CSU

UC* = Courses are transferable to UC

Transfer limitations to UC are as follows:

- * 1, 2, and 33, 34 combined: maximum credit, one series
- * 20 and 45 combined: maximum credit, one course

Open Math Lab

Located in Room 601, it is a corner stone 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.
- Small group study room available.

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/>



“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

MORE ON MATH AT LPC

- **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 sets where you start in the sequence of courses, which determines the length of your pathway to your degree or transfer. The higher your score, the fewer classes you will need in order to reach your goal. So, always prepare! For more information, including practice exams to review, please visit: 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:** Recognition and prizes of mathematical skill.
 - Local and national **scholarship opportunities** available!
- For more information, please visit:**
www.laspositascollege.edu/math/