MATH COURSES

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

Pre-Algebra ..................... 4.0 units
Elementary Algebra ............ 5.0 units
Intermediate Algebra .......... 5.0 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 with Geometry..... 5.0 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 the Social Sciences
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

Vocational Math
Tailored for specific areas and developed with faculty in that discipline. Examples: Math for Automotive Technicians and Math for Welding.

Applied Math for Technicians ....... 3.0 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
- Self-paced
- Half-paced lecture
- Courses may use interactive eBooks and online homework systems

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.

VISIT US
www.laspositascollege.edu/math
Math Division Office: 925-424-1182

Las Positas College
3000 Campus Hill Drive
Livermore, CA 94551
Phone: (925) 424-1000
http://www.laspositascollege.edu
INTEGRATED LEARNING CENTER

The Integrated Learning Center (ILC) houses the Open Math Lab, which is a cornerstone of Math success at Las Positas College.

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

In addition to these FREE supports, LPC students can receive free student tutoring through the Tutorial Center in room 2401!

“Do not worry about your difficulties in mathematics, I assure you that mine are greater.” – Albert Einstein.

“Mathematics, rightly viewed, possesses not only truth, but supreme beauty.” – Russell

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 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/

- **Mathematics Club**
  Any LPC student who has an interest in Mathematics may join the society. Students may join 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/Pre-calculus and above

- **AMATYC Competitions**

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

For more information, please visit:
www.laspositascollege.edu/math/

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**LAS POSITAS COLLEGE MATH PREREQUISITE CHART**

- **Math 107 or 107A/B**
  Pre-Algebra
- **Math 65 or 65A/B**
  Elementary Algebra
- **Math 55 or 55A/B**
  Intermediate Algebra
  Note: Meets Math proficiency requirement for AA/AS
- **Math 38**
  Trigonometry with Geometry
- **Math 20 UC*/CSU**
  Pre-Calculus Mathematics
- **Math 1 UC*/CSU**
  Calculus I
- **Math 2 UC*/CSU**
  Calculus II
- **Math 3 UC**
  Multivariable Calculus
- **Math 5 UC**
  Ordinary Differential Equations
- **Math 33 UC*/CSU**
  Finite Mathematics
- **Math 34 UC*/CSU**
  Calculus for Business and Social Sciences
- **Math 40 UC*/CSU**
  Intro Probability and Statistics
- **Math 45 UC*/CSU**
  College Algebra
- **Math 1 UC**
  UC/CSU College Algebra
- **Math 10 UC**
  UC/CSU Discrete Mathematics
- **Math 7 UC**
  Elementary Linear Algebra
- **Math 71A/B**
  Applied Math for Technicians

**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
- Credit may be granted for 40