

MATH 34 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES - 5 UNITS

Functions and their graphs; limits of functions; differential and integral calculus of algebraic, exponential and logarithmic functions. Applications in business, economics, and social sciences and use of graphing calculators. Partial derivatives and the method of LaGrange multipliers. Prerequisite: Mathematics 55 or 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. 5 hours lecture. Transfer: CSU, UC*; GE: LPC AA/AS, CSU GE Area B; IGETC Area 2.

Beginning Fall 2019, students are encouraged to enroll directly into a transfer-level course. Students should consider their academic goal, past achievements, and experiences.

Students are also strongly encouraged to take advantage of the many resources available to support them at LPC.

- **NMAT 265 Math Jam for BSTEM¹** Bootcamp Course is offered 1-week *prior* to the start of the semester. *Award-winning & tuition-free!* Offered the week before the Fall and Spring semesters. Proven to increase student success and retention rates.
- **NMAT 201C** (tuition-free) or **MATH 101C** (1 lab unit) **Concurrent Support for BSTEM¹** support *during* the semester. *Aligned with your math course* and designed with innovative strategies to provide math and learning support while taking your math class.

¹**BSTEM** is Business, Science, Technology, Engineering, and Mathematics