

Do you need a refresher on algebra and trigonometry?

Need to tune-up your skills for calculus?

Math 187 – Transition To Calculus I (4.0 units)

Take the special *innovative transition* course – focused on the **essential** algebra and trig skills you need to succeed in Math 190!

Learn key study success strategies, concepts, graphing, and problem-solving methods to *streamline* your readiness for transfer Calculus!



Gain the *confidence* to tackle those limits, derivatives, and integrals!

Offered in *flexible* 12-week, 14-week, or 16-week formats.

FALL 2025 Math 187 Course Offerings:

MATH-187-0850	16 Weeks	8/25-12/13	MBA 118	T TH 9:35-11:40 AM	FYE Program Only Prof. Kaysa Moreno
MATH-187-0851	16 Weeks	8/25-12/13	MBA 120	T TH 9:35-11:40 AM	Dr. Matthew Mata
MATH-187-0852	16 Weeks	8/25-12/13	MBA 120	M W 2:05-4:10 PM	Prof. Linda Ho
MATH-187-0853	12 Weeks	9/22-12/13	MBA 209	M W 12:30-3:20 PM	Prof. Gordon Song
MATH-187-0854	14 Weeks	9/8-12/13	MBA 205	T TH 2:25-4:45 PM	Dr. Oscar Villareal

Please see reverse side for course details.

Frequently Asked Student Questions On Math 187

- 1. What's the difference between Math 187 and Math 180?** While our traditional Precalculus (Math 180) is comprised of topics that prepare students for Calculus I (Math 190) and beyond, Math 187 is a streamlined course focusing on just content students need for Math 190. Every topic taught in Math 187 will be directly used in Math 190, which is not true of any traditional precalculus course. Furthermore, we teach Math 187 with an early introduction to trigonometry because our Math 190 does the same. The way that the topics are organized and introduced, along with a built-in active learning component in the classroom, can help our students have an easier transition into Calculus I. In short, Math 187 (4-units) provides the necessary skills for Math 190 while requiring fewer units than Math 180 (5-units). All of the Math 187 instructors are full-time faculty and have experience teaching Math 190.
- 2. Is this course degree applicable?** Yes, it is degree applicable. The state is also currently working to ensure its transferability.
- 3. Is Math 187 suitable for me?** There are many types of STEM students who can benefit from taking Math 187. This 4-unit course is particularly useful for STEM students who only need to take Math 190 rather than the entire calculus sequence. This course is also targeted at STEM students with a high school GPA of 2.6 or below, or who have not completed Trigonometry, Precalculus, or Calculus I with a C or better and need to take Math 190. For our current students who have not had success in passing Math 190 due to a weak algebraic and/or trigonometric background, this is a great preparatory course to brush up on all the necessary skills to conquer it. Math 187 teaches learning strategies and has an active learning component in class for students who need repetition to improve retention. As per state guidelines, this course is not intended to be open to all students as just a general education math course.
- 4. If I plan to take Calculus II or beyond, can I still enroll into Math 187?** Yes, if you have a strong foundation in Calculus I, this increases the chances of you passing Calculus II. Math 187 was created to strengthen the skills necessary to help you excel in Calculus I.
- 5. Can I take Math 187 and Math 190 concurrently?** While most students might prefer to take Math 187 prior to taking Math 190, it is possible to take both courses concurrently, because the curriculum in these courses is aligned. If you are interested in concurrent enrollment, it is recommended that you enroll in Math 187 Section 0851 TuTh 9:35-11:40 AM and Math 190 Section 0905 MW 12:30 – 3:00 PM since these classes have the same instructor. However, any Math 187 and 190 sections may be taken concurrently (16-week for both is recommended), and a late-start Math 187 may be added after the start of the semester if you are already enrolled in Math 190 and need additional help with algebra and trigonometry.
- 6. If I have questions regarding Math 187, whom do I contact?** For more information on Math 187, you may contact Dr. Matthew Mata (mmata@elcamino.edu) or Prof. Linda Ho (lho@elcamino.edu).