

Math Placement for Engineering

In order to be successful in Engineering, you must be fluent in the language of math. Solving engineering problems requires the use of higher levels of mathematics. If you are not sure what math class you should be taking, use this crosswalk chart to make the decision.

Instructions: Start at the highest-level math class you have completed then read across to see what your next step is.

Highest Level of Math Completed	Next Step	Notes
High School-level math (Pre-Calculus, Calculus)	Meet with an advisor	University Engineering Programs do not accept high school-level math
MTH 161 Precalculus I (or equivalent at another college) grade of C or higher	MTH 162 Precalculus II	
MTH 162 Precalculus II, grade of C or higher	MTH 263 Calculus I	Review Precalculus II before you start MTH 263, especially if you earned a C
AP Calculus AB score 3	MTH 263 Calculus I	University Engineering Programs will not accept a score below 4.
AP Calculus AB, score 4-5	MTH 264 Calculus II	
AP Calculus BC, score 3	MTH 264 Calculus II	University Engineering Programs will not accept a score below 4.
MTH 263 Calculus I (or equivalent at another college), grade of C or higher	MTH 264 Calculus II	
AP Calculus BC, score 4-5	MTH 267 Differential Equations	
MTH 264 Calculus II (or equivalent at another college), grade of C or higher	MTH 267 Differential Equations	