

MATHEMATICS PATHWAY, PLACEMENT and PREREQUISITE CHART

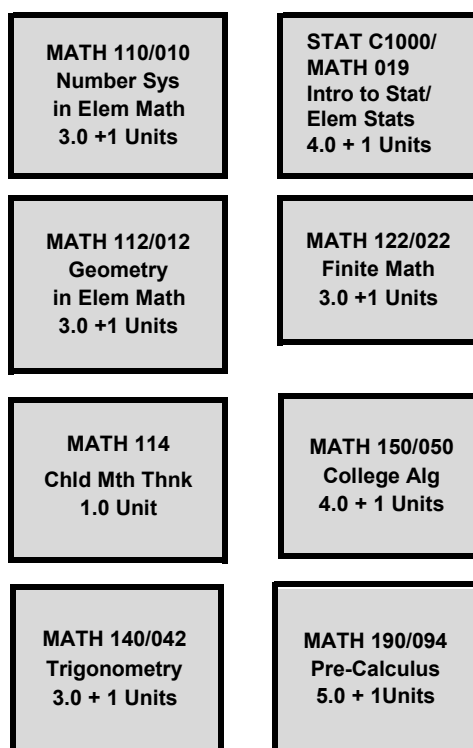
All Mathematics courses require a grade of "C" or higher to progress to the next level.

IVC Graduation Requirement - Completion of any transfer level math course with a grade of "C" or better.

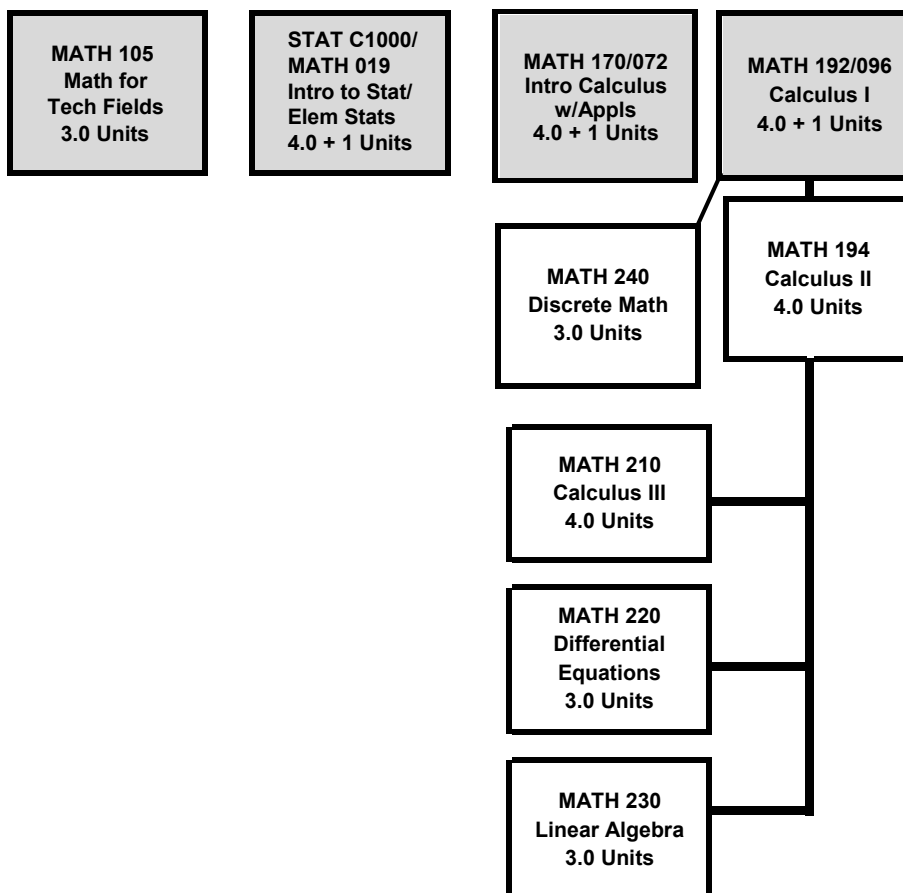
Mathematics Pathways: Statistics and Liberal Arts Math (SLAM), Business, Science Technology, Engineering and Math (BSTEM)

MATHEMATICS PATHWAYS, TRANSFER LEVEL COURSES and SUPPORT COURSES

SLAM Mathematics Pathways



BSTEM Mathematics Pathways



AB 705 and AB 1705

Identify the mathematics pathway and select the course that is appropriate for your major. Consult a counselor about your educational plan.

SLAM Mathematics Pathways:

Students may enroll directly in the courses highlighted in solid gray.
An additional support course is available for all highlighted courses.

BSTEM Pathway:

Students may enroll directly in the courses highlighted in solid gray.
An additional support course is available for all highlighted courses.

STEM Calculus I Pathway:

Level I (Math 192)

Students who have successfully completed Integrated Math 4, Trigonometry, Pre-calculus, or Math Analysis with a "C" or higher can access Calculus I (Math 192) directly and may not be placed at a lower level. Students may enroll in Math 192 with or without support (Math 096).

Level II (Math 190)

Students who have completed Integrated Math 3 or Intermediate Algebra or Algebra II are eligible to take Math 190 – Pre-calculus (one semester before Calculus I) or may enroll directly in Math 192. Students may enroll in Math 190 or Math 192 with or without support (Math 094 or Math 096).

Level III (Math 150 + 140)

Students who have not completed Integrated Math 3, Intermediate Algebra, or Algebra II are eligible to take Math 150/140 and follow the two-semester sequence (Math 150 + Math 140) to Math 192 – Calculus I. Students may enroll in Math 140, Math 150, or Math 192 with or without support (Math 042, Math 050, or Math 096).

Notes:

Students who have completed high school calculus but not earned college credit (AP or IB) must enroll in MATH 192 to receive college credit. However, they can use completed high school calculus to fulfill a Calculus I prerequisite in courses outside the mathematics discipline. Consult a counselor.

STAT C1000 can be used on either the SLAM or BSTEM pathways.

Completed high school courses reflect two semester grades of C or higher.