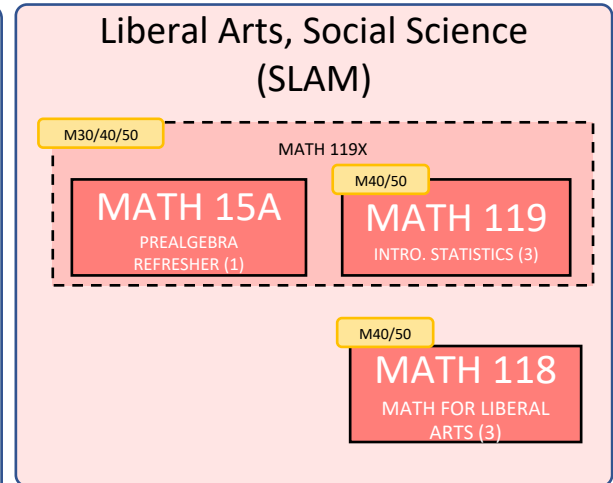
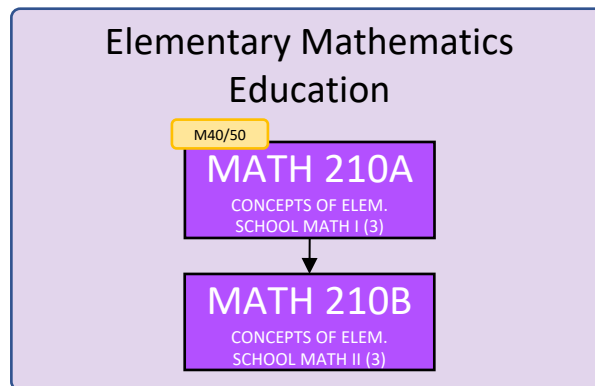
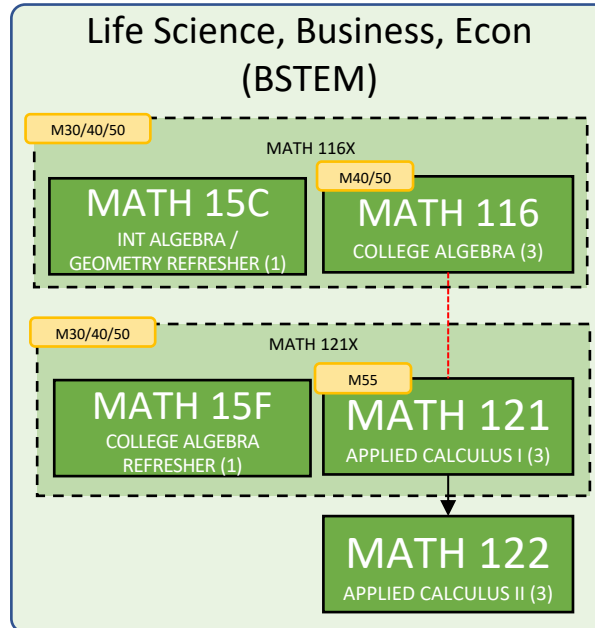
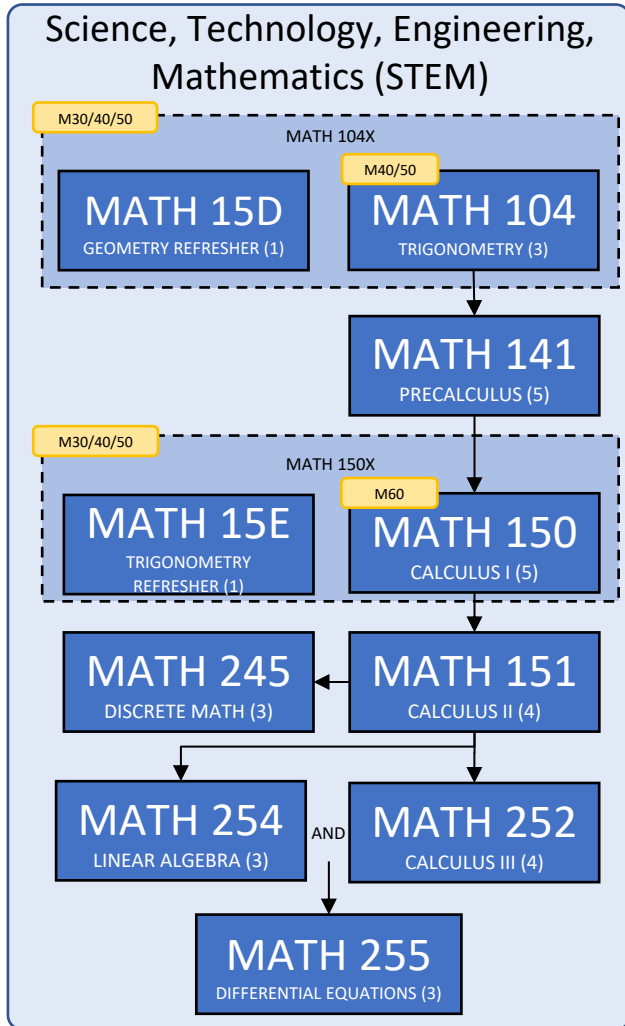


MATH PATHWAYS – COMPREHENSIVE CHART (FALL 2024)

Entry Point: Students enter path from any course with a milestone/petition badge



Notes

- Effective FA24: MATH 121 will no longer require MATH 116 as a prerequisite course.
- Students with a particular Milestone number can take courses possessing the same milestone number badge or lower.
- For more information, please contact:

Nick Slinglend (nslingle@sdccd.edu)
Paul Young (pyoung@sdccd.edu)

MATH COURSES – BY HIGH SCHOOL COURSEWORK

HS Math Course Completion (Full year)	Eligible Courses to Take (by Discipline)		
	STEM (Science, Technology, Engineering, Math)	BSTEM (Business, Behavioral Sciences, Social Sciences)	SLAM (Social Sciences, Liberal Arts, Humanities)
Any HS Math below Precalculus	<div data-bbox="556 654 749 701" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 104</div> <div data-bbox="556 718 749 765" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 104X</div> <div data-bbox="556 782 749 829" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 150X</div>	<div data-bbox="861 654 1054 701" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 116</div> <div data-bbox="1064 654 1257 701" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 119</div> <div data-bbox="861 718 1054 765" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 116X</div> <div data-bbox="1064 718 1257 765" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 119X</div> <div data-bbox="861 782 1054 829" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 121X</div>	<div data-bbox="1335 654 1528 701" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 119</div> <div data-bbox="1547 654 1740 701" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 210A</div> <div data-bbox="1335 718 1528 765" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 119X</div> <div data-bbox="1335 782 1528 829" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 118</div>
Precalculus	<div data-bbox="556 961 749 1008" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 150</div> or courses listed above	<div data-bbox="962 961 1155 1008" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 121</div> or courses listed above	Any courses listed above
AP Calc. AB/BC Exam Score 3+ <small>*Please see a counselor or speak with the math department prior to signing up for a course</small>	<div data-bbox="556 1150 749 1198" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 151</div> <div data-bbox="556 1215 749 1262" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 252</div> or courses listed above	<div data-bbox="967 1165 1161 1212" style="border: 1px solid black; padding: 2px; display: inline-block;">MATH 122</div> or courses listed above	Any courses listed above

MATH COURSES – BY MILESTONE/PETITION

M30

MATH 104X

TRIGONOMETRY + SUPPORT
(4 units) = (6 hr/wk)

MATH 116X

COLLEGE ALGEBRA + SUPPORT
(4 units) = (6 hr/wk)

MATH 119X

INTRO. STATISTICS + SUPPORT
(4 units) = (6 hr/wk)

MATH 150X

CALCULUS I + SUPPORT
(6 units) = (8 hr/wk)

MATH 121X

APPLIED CALCULUS I + SUPPORT
(4 units) = (6 hr/wk)

M40/50

MATH 104

TRIGONOMETRY (3 units)

MATH 116

COLLEGE ALGEBRA (3 units)

MATH 119

INTRO. STATISTICS (3 units)

MATH 210A

CONCEPTS OF ELEM. SCHOOL
MATH I (3 units)

MATH 118

MATH FOR LIBERAL ARTS (3 units)

M55

MATH 121

APPLIED CALCULUS I
(3 units)

M60

MATH 150

CALCULUS I (5 units)

NOTE:

- Milestone M30 students have access to M30 courses.
- Milestone M40/50 students may also enroll in the above options for M30 students.

Challenge Petition

† Pass AP Calculus AB Exam with Score 3+

** Pass AP Calculus AB Exam with Score 4+

*** Pass AP Calculus BC Exam with Score 4+

MATH 122†

APPLIED CALCULUS II
(3 units)

MATH 151**

CALCULUS II (4 units)

MATH 252***

CALCULUS III (4 units)

MATH COURSES - INTENDED AUDIENCE

MATH 104

TRIGONOMETRY

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I have a strong algebra background.
- My MATH Milestone Number is M40 or M50 or passed MATH 96 with at least a C.

MATH 104X

TRIGONOMETRY + SUPPORT

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I am less than confident with my algebra background and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is M30, M40, or M50.

MATH 116

COLLEGE ALGEBRA

- I am interested in majoring in business, economics, biology, or some other type of sciences.
- I am comfortable with algebra.
- My MATH Milestone Number is M40 or M50 or passed MATH 96 with at least a C.

MATH 116X

COLLEGE ALGEBRA + SUPPORT

- I am interested in majoring in business, economics, biology, or some other type of sciences.
- I find math challenging and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is M30, M40, or M50.

MATH 150

CALCULUS I

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I am proficient in algebra and trigonometry.
- I passed one full year of high school precalculus or MATH 141 or precalculus at another college with at least a C.
- My MATH Milestone Number is M60

MATH 150X

CALCULUS I + SUPPORT

- I am interested in majoring in one of the STEM (Science, Technology, Engineering, Math) fields.
- I am proficient in algebra and trigonometry but feel that I would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is M30, M40, or M50.

MATH 121

APPLIED CALCULUS I

- I am interested in majoring in business, economics, biology, or some other type of sciences that requires at least one semester of calculus.
- I am confident with my algebra background.
- I passed one full year of high school precalculus
- My MATH Milestone Number is M55

MATH 121X

APPLIED CALCULUS I + SUPPORT

- I am interested in majoring in business, economics, biology, or some other type of sciences that requires at least one semester of calculus.
- I am less than confident with my algebra background and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is M30, M40, or M50.

MATH 119

INTRO. STATISTICS

- I am interested in majoring in business, social sciences, nursing, or other liberal arts disciplines that require statistics.
- I am proficient in basic algebra and usage of technology.
- My MATH Milestone Number is M40 or M50, or passed MATH 92/96 with at least a C.

MATH 119X

INTRO. STATISTICS + SUPPORT

- I am interested in majoring in business, social sciences, nursing, or other liberal arts disciplines that require statistics.
- I am less than confident with my math background and would benefit from additional support by ways of more contact time with my instructor and tutors.
- My MATH Milestone Number is M30, M40, or M50.

MATH 118

MATH FOR LIBERAL ARTS

- I am interested in majoring in one of the liberal arts disciplines.
- I am proficient in basic algebra.
- My MATH Milestone Number is M40 or M50, or passed MATH 92/96 with at least a C.

MATH 210

CONCEPTS OF ELEM. SCHOOL MATH I

- I am interested in majoring in education or another liberal arts discipline that does not require more than one semester of math.
- I find math challenging and/or have struggled with math in the past.
- My MATH Milestone Number is M40, or M50.