

Mathematics Prerequisite Flowchart Montana State University

LEVEL 1
MPLEX - 10

M 088*
Mathematical
Literacy
4 cr.

LEVEL 3
MPLEX - 30
ACT - 22
† SAT - 520
SAT 550 or 27.5

M 105Q
Contemporary
Mathematics
3 cr.

Stat 216Q**
Introduction
to Statistics
3 cr.

M 132***
Number &
Operation for K-8
Teachers
3 cr.

M065* / M085*
Prealgebra
4 cr.

LEVEL 1
MPLEX - 10

M096* / M097*
Survey of Algebra
4 cr.

LEVEL 2
MPLEX - 20
ACT - 21
† SAT - 500
SAT 530 or 26.5

M121Q
College
Algebra
3 cr.

LEVEL 3
MPLEX - 30
ACT - 23
† SAT - 540
SAT 570 or 28.5

M 151Q
Precalculus
4 cr.

M 161Q
Survey of
Calculus
4 cr.

LEVEL 4
MPLEX - 40
ACT - 25
† SAT - 580
SAT 600 or 30

M 165Q
Calculus for
Technology I
3 cr.

M 171Q
Calculus I
4 cr.

LEVEL 5
MPLEX - 50
ACT - 27
† SAT - 620
SAT 640 or 32

Notes:

- † indicates SAT score prior to March 2016
- * Indicates the class is being taught through Gallatin College.
- M 096 / M 097 meet the prerequisite for M 105Q and M 121Q.
- ** Entrance to Stat 216 is by MPLEX score Level 3, a B or better in M 096, a C- or better in any 100 level M course or the equivalent ACT/SAT score
- *** Entrance to M 132 is by MPLEX level 3, a B or better in M 096, a C- or better in M 121 or the equivalent ACT/SAT score
- "Q" Indicates the class satisfies the Core Quantitative Reasoning requirement.