Mathematics Prerequisite
Flowchart
Montana State University

LEVEL 1
MPLEX - 10
M 088*
Mathematical Literacy
4 cr.

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

M 065*/M 085*
Prealgebra
4 cr.

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

M 105Q
Contemporary Mathematics
3 cr.

M 121Q
College Algebra
3 cr.

Stat 216Q**
Introduction to Statistics
3 cr.

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

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

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

M 161Q
Survey of Calculus
4 cr.

M 165Q
Calculus for Technology I
3 cr.

M 171Q
Calculus I
4 cr.

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.