Mathematics Prerequisite Flowchart

Art, Humanities, & Some Soc. Sciences

LEVEL 1
MPLEX - 10

LEVEL 2 L
MPLEX - 20
ACT - 17
† SAT - 420
SAT 460 or 23

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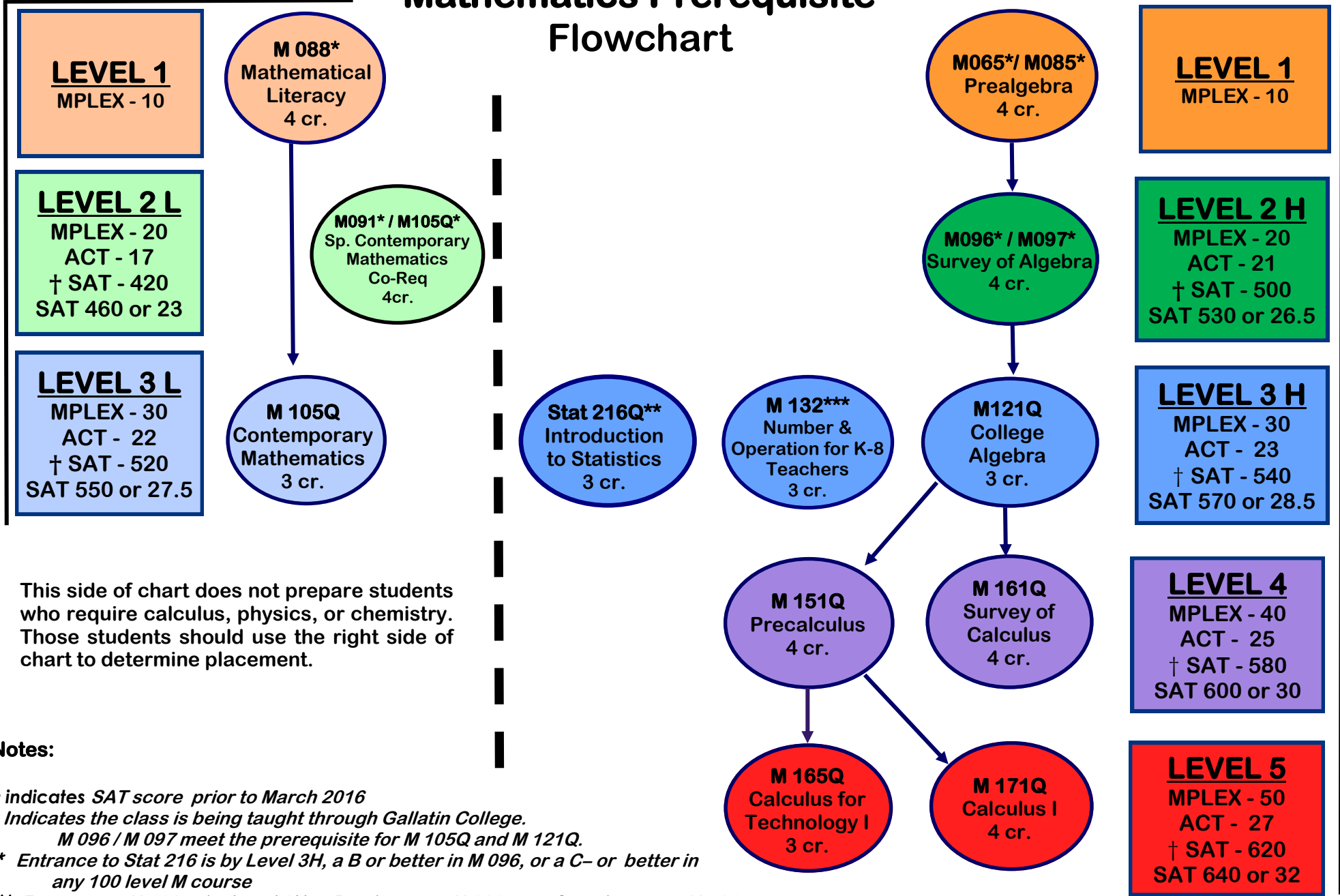SAT 550 or 27.5

This side of chart does not prepare students who require calculus, physics, or chemistry. Those students should use the right side of chart to determine placement.

M 088*
Mathematical Literacy
4 cr.

M091* / M105Q*
Sp. Contemporary Mathematics Co-Req
4cr.

M 105Q
Contemporary Mathematics
3 cr.

STEM, Business, Health, & Some Soc. Sciences

LEVEL 1
MPLEX - 10

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

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

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

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

M065*/ M085*
Prealgebra
4 cr.

M096* / M097*
Survey of Algebra
4 cr.

M121Q
College Algebra
3 cr.

Stat 216Q**
Introduction to Statistics
3 cr.

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

M 151Q
Precalculus
4 cr.

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 Level 3H, a B or better in M 096, or a C– or better in any 100 level M course*
*** *Entrance to M 132 is by Level 3H, a B or better in M 096, or a C– or better in M 121*

"Q" *Indicates the class satisfies the Core Quantitative Reasoning requirement.*

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MONTANA STATE UNIVERSITY | Department of Mathematical Sciences