Assessing MATH 1581H (YSU-BaccMed Calculus I) Readiness

Mathematical preparedness is essential for success in STEM baccalaureate programs, and this is no less true for success in STEM pathways for YSU-BaccMed, especially in regard to assessing readiness for YSU-BaccMed Calculus I (MATH 1581H).

The following metrics are collectively used for assessing MATH 1581H readiness for YSU-BaccMed: if any one of them is satisfied by an incoming high school student, then that student will be deemed MATH 1581H ready for the purposes of YSU-BaccMed. More metrics may be added to the following list as information becomes available.

A student is deemed MATH 1581H ready if at least one of the following is satisfied:

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\text{ACTM(aths)} \geq 27 \text{ or SAT equivalent}
\]

OR

\[
\text{ALEKS} \geq 76 \text{ (Mathematics Placement Level 70)}
\]

OR

\[
\text{Grade} \geq \text{C in MATH 1571 (Calculus I)}
\]

OR

\[
\text{Grade} \geq \text{B in high school Calculus or AP Calculus}
\]

OR

\[
\text{Grade} \geq \text{B in one of MATH 1580H, MATH 1513, Precalculus from accredited college}
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