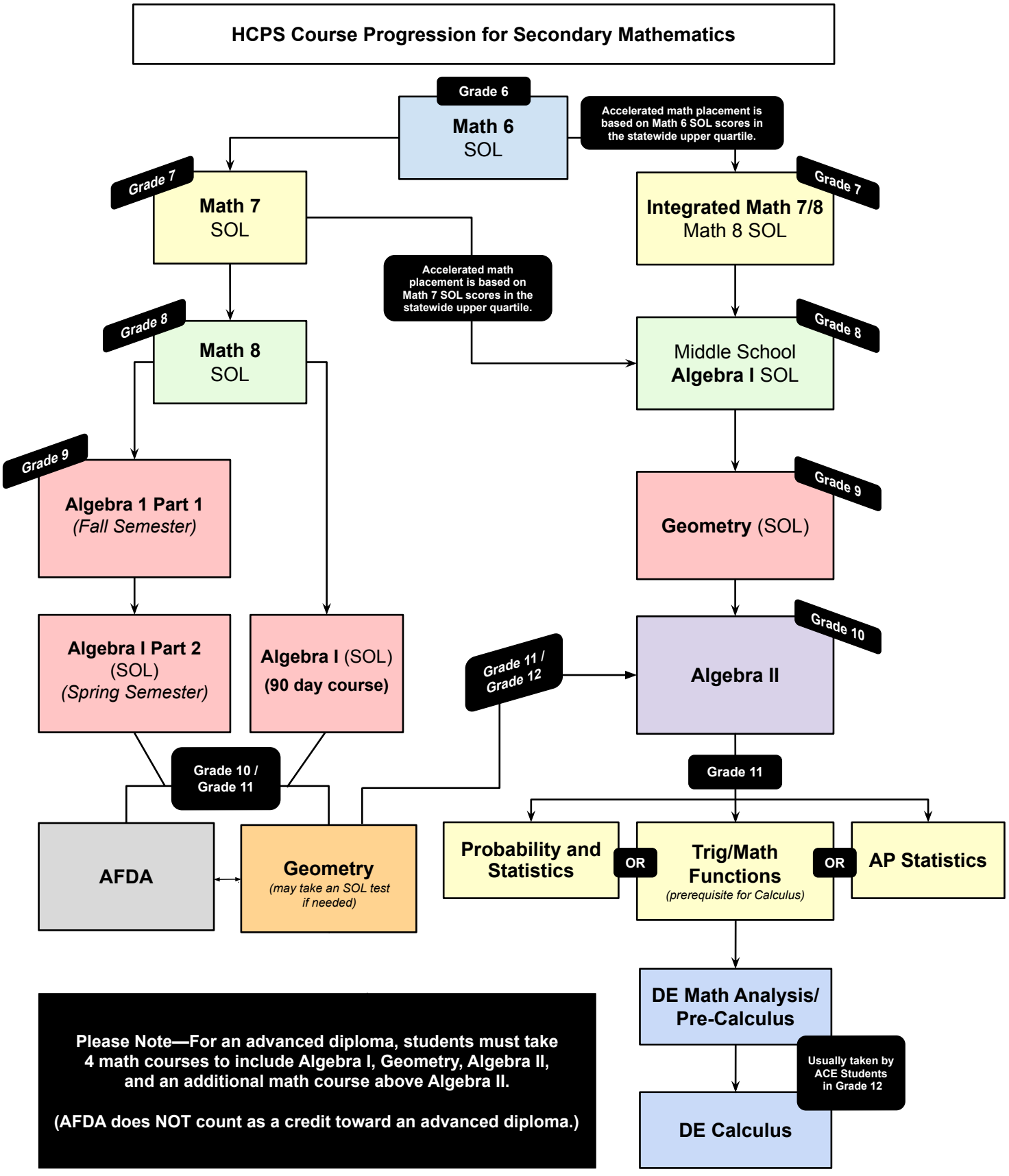
HCPS Course Progression for Secondary Mathematics
Grade 6
Math 6 SOL
Accelerated math placement is based on Math 6 SOL scores in the statewide upper quartile.
Grade 7
Math 7 SOL
Grade 7
Integrated Math 7/8 Math 8 SOL
Accelerated math placement is based on Math 7 SOL scores in the statewide upper quartile.
Grade 8
Math 8 SOL
Grade 8
Middle School Algebra I SOL
Grade 9
Algebra 1 Part 1 (Fall Semester)
Grade 9
Geometry (SOL)
Algebra I Part 2 (SOL) (Spring Semester)
Algebra I (SOL) (90 day course)
Grade 11 / Grade 12
Grade 10
Algebra II
Grade 10 / Grade 11
Grade 11
AFDA
Geometry (may take an SOL test if needed)
Probability and Statistics
OR
Trig/Math Functions (prerequisite for Calculus)
OR
AP Statistics
DE Math Analysis/ Pre-Calculus
Usually taken by ACE Students in Grade 12
DE Calculus
Please Note—For an advanced diploma, students must take 4 math courses to include Algebra I, Geometry, Algebra II, and an additional math course above Algebra II.
(AFDA does NOT count as a credit toward an advanced diploma.)