



Below are typical course sequences for taking mathematics in high school. This is not all possible scenarios. The gray-shaded box indicates the last course the student must complete to satisfy graduation requirements. Courses in **BOLD** indicate a math credit. Courses not in bold indicate elective credit.

	Year 1		Year 2		Year 3		Year 4
A	Foundations of NC Math 1 (NC Math 1A)	NC Math 1B	Foundations of NC Math 2	NC Math 2	Foundations of NC Math 3	NC Math 3	NC Math 4
B	NC Math 1		NC Math 2		NC Math 3		NC Math 4
C	NC Math 1		NC Math 2 (Honors)		NC Math 3 (Honors)		NC Math 4 (Honors) Or Precalculus And/Or AP Statistics
D	Math Plus (Honors)	NC Math 2 (Honors)	NC Math 3 (Honors)		Precalculus (Honors) or NC Math 4 (Honors)		AP Statistics And/or Discrete Math for CS (Honors)
E	Math Plus (Honors)	NC Math 2 (Honors)	NC Math 3 (Honors)		Precalculus (Honors)		AP Calculus AB/BC and/or AP Statistics*
F	NC Math 2 (Honors)		NC Math 3 (Honors)		Precalculus (Honors)		AP Calculus AB/BC and/or AP Statistics*
G	NC Math 3 (Honors)		Precalculus (Honors)		AP Calculus AB	AP Calculus BC	Math Analysis and/or AP Statistics*

*AP Statistics may also be taken in the same year as Precalculus.

Typical Sequences for Students Using the Math Substitution Option*							
	Year 1		Year 2		Year 3		Year 4
H	Fundamental NC Math 1	Introductory Mathematics	Foundations of NC Math 1 (NC Math 1A)	NC Math 1B	Foundations of NC Math 2	NC Math 2	Foundations of NC Math 3**
I	Introductory Mathematics		Foundations of NC Math 1 (NC Math 1A)	NC Math 1B	Foundations of NC Math 2	NC Math 2	Foundations of NC Math 3**
J	Foundations of NC Math 1 (NC Math 1A)	NC Math 1B	Foundations of NC Math 2	NC Math 2	Foundations of NC Math 3**		NC Math 3**

*This is provided for the rare instance that a principal exempts a student (*in their senior year*) from the Future-Ready Core Math sequence.

**Students are encouraged to continue taking math courses through their senior year, but these courses beyond the grey box are not required for graduation.

While all pathways can be considered by all students, the following table provides possible pathways based on a student's post high school plan and interests.

Post High School Plans:	Pathways to consider:
Considering a College/University and a STEM career	E, F, G
Considering a College/University and a NON-STEM career	A, B, C, D
Entering a Community College or Trade Career	H, I, J