

NC Department of Public Instruction: *Future-Ready Core*

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NC Department of Public Instruction
Academic Services and Instructional Support
Curriculum, Instruction, and Technology



Public Schools of North Carolina
State Board of Education
Department of Public Instruction

Graduation Awareness: *Future-Ready Core*



Historical Overview

- North Carolina has had graduation course requirements for over 10 years.
- Prior to the passage of HSP-N-004 (FRC), members of the SBE and key leadership at DPI spent two years hosting town hall meetings and focus groups to garner state input as to what the new requirements ought to encompass.
- Alignment with other states, 21st century skills, and research for increasing graduation requirements.

Future-Ready Core: Rationale



Public Schools of North Carolina
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- The guiding mission of the North Carolina State Board of Education is that every public student will graduate from high school, globally competitive for work and postsecondary education and prepared for life in the 21st century.
- *If the level of expectation is not the same for all students, then high school graduates will not be given the foundation of academic and life skills that they will need to learn for college, to enter a career or in the workforce as jobs change.*

Future Ready Core: *Course of Study (2009-2010)*

- All freshmen entering high school in fall **2009** will participate in the required *Core Course of Study, known as Future-Ready Core (21 units)*.
- Two courses of study: Future-Ready Core and Future-Ready Occupational Course of Study (OCS).
- SBE policy HSP-N-004 (approved Sept. 2008)



Future Ready Core: *Course of Study (2009-10)*

The Core (21 units)

4 credits of English

4 credits of Mathematics

3 credits of Social Studies

3 credits of Science

1 credit of Health/Physical Education

6 Elective Credits (required)

- 2 credits from CTE, Arts, or Second Language (Second Language-MAR UNC)
- 4 credit Concentration (recommended)



Concentration:

(RECOMMENDS AT LEAST FOUR CREDITS IN ONE AREA)

- Career and Technical Education (CTE)
- Arts/Music Education
- Junior Reserve Officers' Training Corps (JROTC)
- Advanced Placement (AP) / International Baccalaureate (IB)
- Second Language
- Learn & Earn Early College or Dual Enrollment
- Other



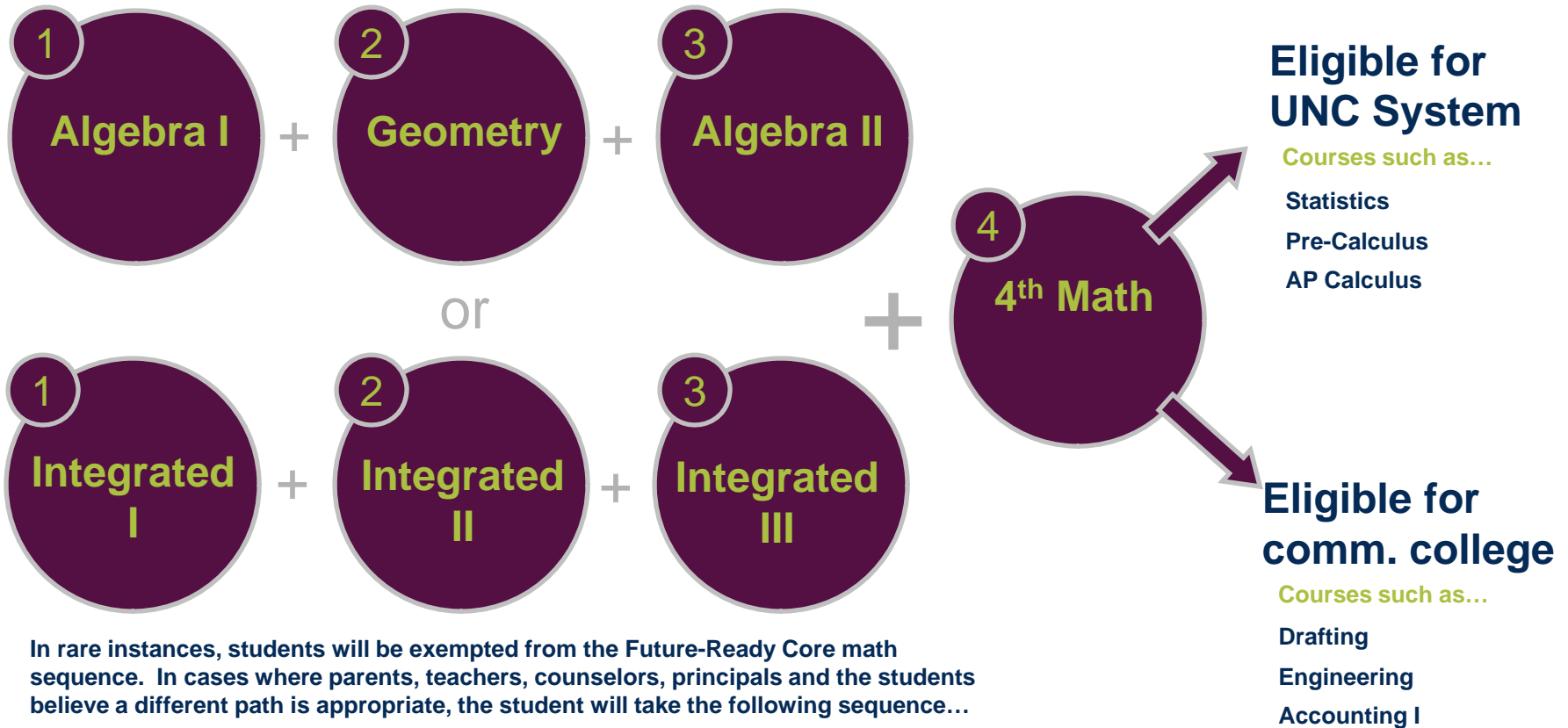
Future-Ready Core Math Sequence



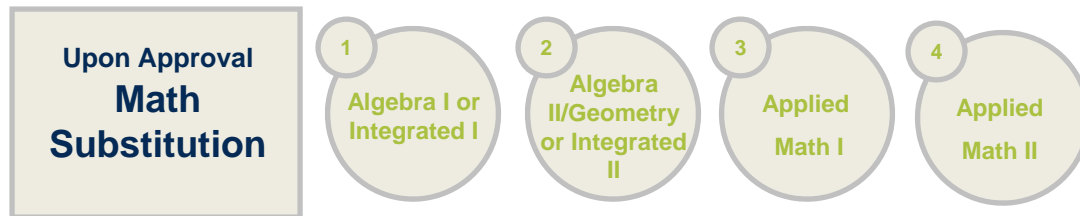
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Math I	Math II	Math III	Math IV (aligned with student's post high school plans)
Algebra I - or - Integrated Math I	Geometry - or - Integrated Math II	Algebra II - or - Integrated Math III	AP Calculus (AB or BC) -or- Pre-Calculus -or- Discrete Math -or- AP Statistics -or- CC Math course -or- Aligned with CTE pathway

Future-Ready Core Math Sequence*



In rare instances, students will be exempted from the Future-Ready Core math sequence. In cases where parents, teachers, counselors, principals and the students believe a different path is appropriate, the student will take the following sequence...



Future-Ready Core

*N.C.G.S. §115C-81(b) will remain in effect for students with learning disabilities in mathematics that will prevent those students from mastery Algebra I content. This student will be required to take 4 math classes aligned with their goals and abilities.

Future-Ready Core Mathematics Substitution

- To graduate students must take 4 math courses.
- All students must, at the minimum, pass: Algebra I & Geometry **OR** Integrated Math I & Integrated Math II **OR** Algebra I & Algebra II
- A school may determine (see suggested decision-making process for math substitution) that a student should take alternative math courses after providing evidence of a student who is demonstrating unusual difficulty in mastering mathematics concepts.

1

Request is made

- A written request with reasons is made to substitute mathematics course credits to the recommended Future Ready Core mathematics courses
- Request is received by the school counselor
- Request may be made from a parent/guardian, school counselor, principal (or designee), or teacher
- If the request is made by school personnel, evidence of parent consent should be present

2

Committee convenes

- The principal convenes a school-based committee to review the request
- Committee should meet at a time amenable to a parent/guardian's schedule

3

Review Multiple Data Sources

- Committee meets and reviews multiple sources of summative and formative assessment data
- Committee reviews intervention strategies that have been in place prior to the substitution request
- Committee considers student's graduation timeframe

4

Committee Recommends

- Committee makes recommendation aligned with student needs and post-secondary plans
- Principal receives the committee recommendation

5

Decision by Principal

- Principal makes the final decision
- All relevant parties are informed
- Schedule is changed to minimize any lost instructional time
- Documentation of decision and changes are noted

A student's parent/guardian should be fully informed and involved throughout the process

Mathematics Sequence Substitution

	1st semester	2nd semester
9th grade	Introduction to HS math	Algebra I
10th grade	Bridge Course	Geometry, Algebra II, or Integrated Mathematics II
11th grade	Applied Math I	
12th grade	Applied Math II	

Future Ready Core Graduate: Requirements to Graduate

- Future Ready Core course of study
(21 credits)
- End-of-Course Tests
- *Local requirements

(* Many LEAs have additional requirements to graduate)



GEAR-UP Role in Future-Ready Core Success

- Collaborate with families and educators to ensure that students register for courses which align with their post-secondary plans.
- Ensure that all students complete a HS four-year plan and that the plan is revisited annually.
- Provide professional development, communications, and multiple opportunities to inform, educate, and advocate for students.
- Ensure that any exceptions will still allow a student to graduate with their cohort.
- Stay informed about availability of courses through different vehicles (eg NCVPS).



Future-Ready Core Questions should be directed to:

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For additional information, go to:

www.ncpublicschools.org/gradrequirements

