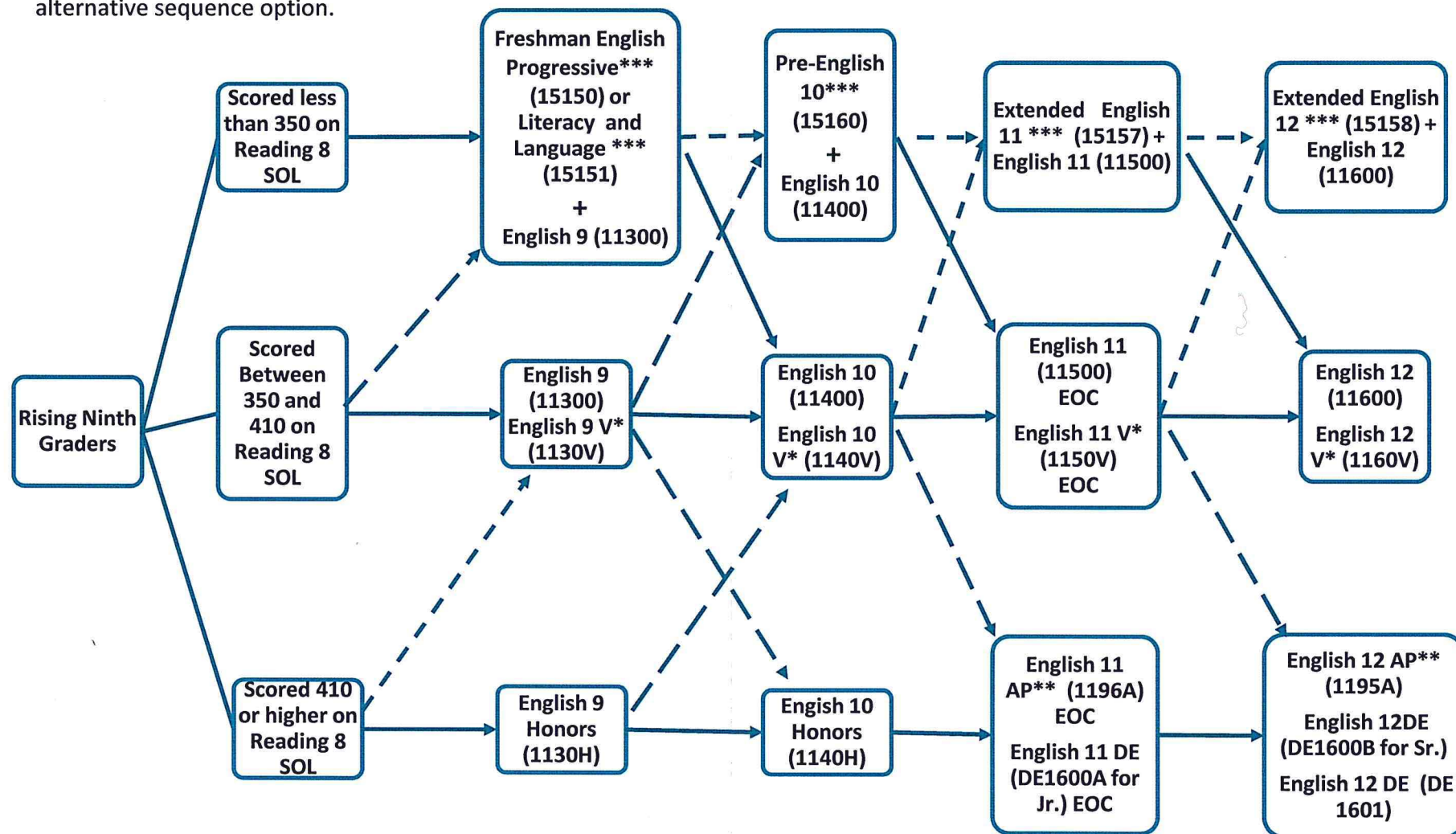


English Course Map

- Solid lines indicate an expected sequence.
- - Broken lines indicate an alternative sequence option.



*MCPS virtual course may be available

* * Virtual Virginia course may be available (English 11: 1196V and English 12: 1195V)

*** Intervention classes that precede a core grade course and earn elective credit.

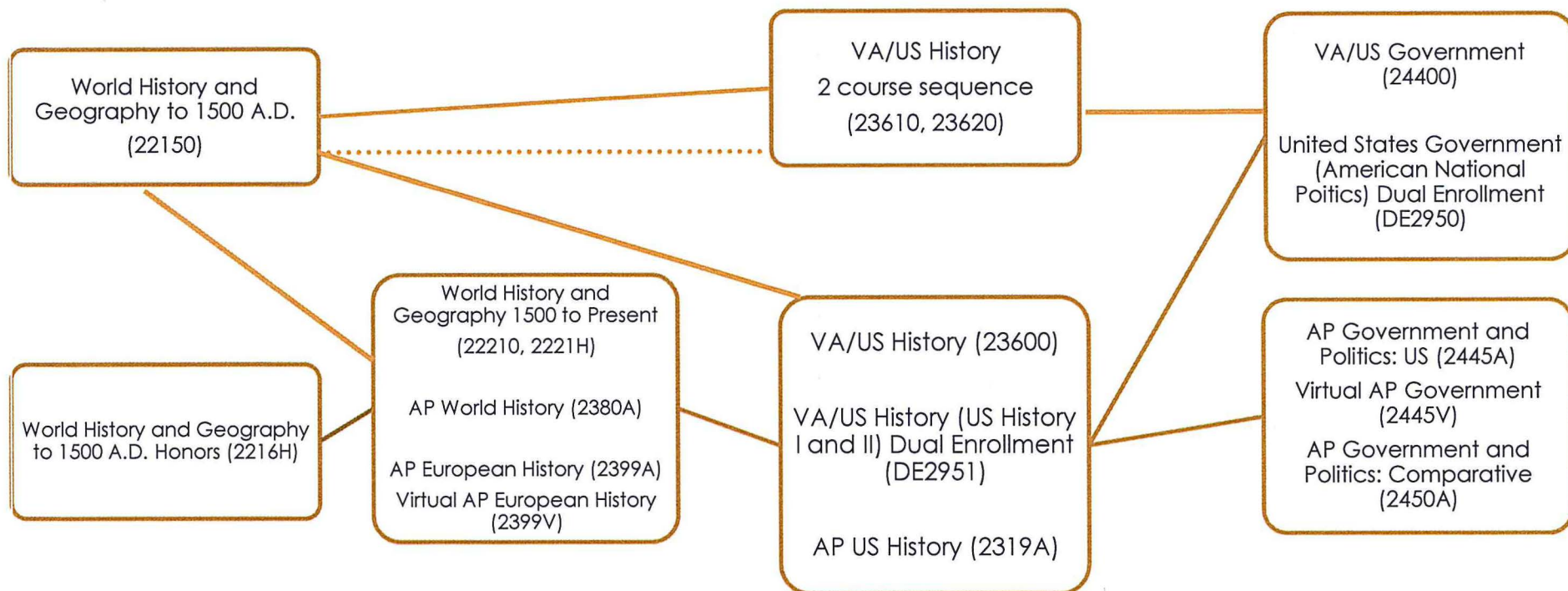
English Elective Course Offerings

Virtual Virginia Creative Writing (1171V)	Media Arts I (15161), II (15162), III(15163), IV (15164)	Speech Fundamentals (13000) or (DE 1602)
Creative Writing/Literary Magazine I (11710)	Journalism I (12000), Dual Enrolled Journalism I (DE1200); Journalism II (12100), DE Journalism II (DE12100); Journalism III (12110); Journalism IV (12120); Journalism V (12200)	
Creative Writing/Literary Magazine II (11711)		
		Read 180 I Grade 9 (11810) Read 180 II Grade 10 (11811) Read 180 III Grade 11 (11812) Read 180 IV Grade 12 (11813)
World Mythology (11650)		
Virtual Virginia World Mythology (1165V)		
	Theatre I (14100), II (14200)	
Film Studies (14460)	Advanced Acting (14300)	
	Technical Theatre (14350)	

Diploma Requirements

Standard	Advanced Studies	Modified Standard
4 High School English Credits with 2 Verified Credits	4 High School English Credits with 2 Verified Credits	Available for students who entered 9th grade for the first time in 2010-11 4 High School English Credits with Pass on Grade 8 Reading SOL

MCPS Social Studies Course Map



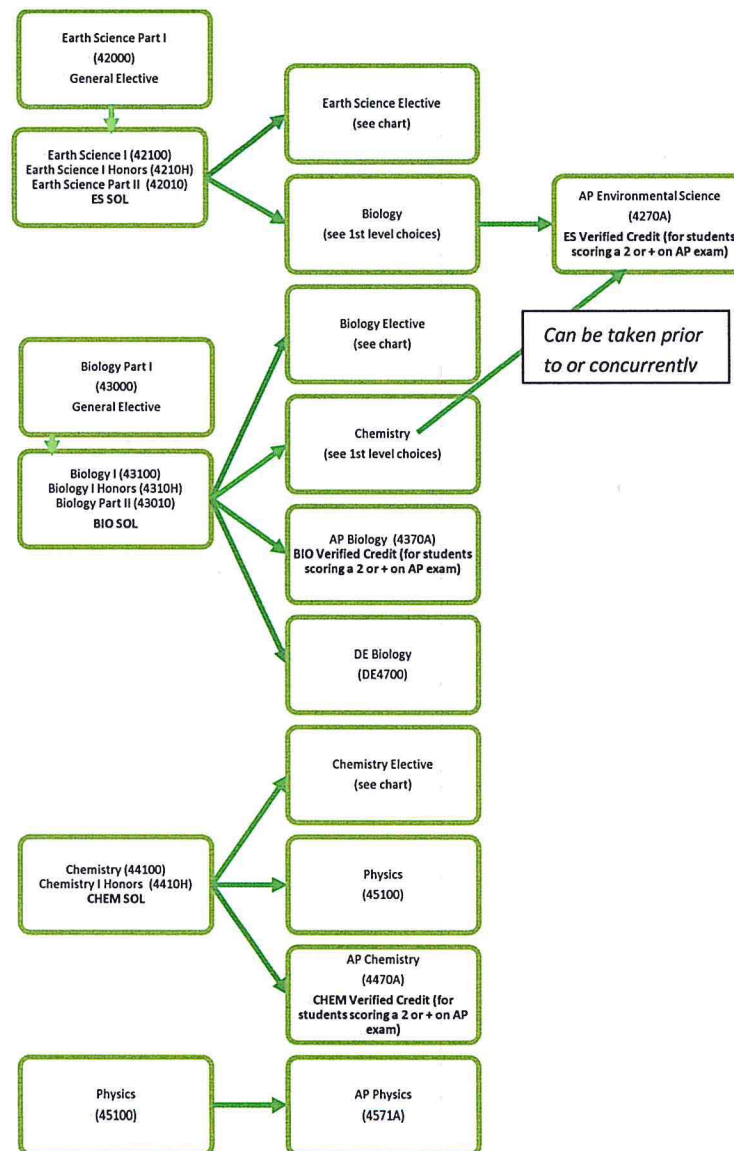
Social Studies Elective Course Offerings

Psychology (29000) AP Psychology (2902A) Virtual AP Psychology (2902V)	Sociology (25000) PsychologySociology (29960) Psychology/Sociology (DE 2996)	Twentieth Century History/Modern and Contemporary (23870) World Mythology (11650)
Law Related Economics (24200)	AP Micro-Economics (2802A) AP Macro Economics (2803A)	Virtual AP Human Geography (2212V)

Standard	Advanced Studies
3 High School Social Studies Credits with 1 Verified Credit	4 High School social Studies Credits with 2 Verified Credits

MCPS Science Course Map

1st Level Courses



Biology Electives	Earth Science Electives	Chemistry Electives
Biology II <i>Genetics</i> (43500)	Earth Science II Advanced Survey <i>Meteorology</i> (42200) ES SOL	Chemistry II (44200)
Biology II <i>Ecology</i> (43400)	Earth Science II <i>Astronomy</i> (42600)	
Biology II <i>Anatomy & Physiology</i> (43300)	Earth Science II <i>Oceanography</i> (42500)	
Biology II Advanced Survey <i>Botany, Zoology</i> (43200) BIO SOL		

Modified Standard	Standard Diploma	Advanced Studies Diploma
2 science credits from 2 disciplines	3 science credits from 2 disciplines	4 science credits from 3 disciplines
While students are not required to pass Standards of Learning end-of-course tests to earn a Modified Standard Diploma, they must take the tests that are required for any courses in which they are enrolled. Instruction provided in these courses, as well as the Standards of Learning tests associated with them, would be subject to any accommodations required in a student's Individual Education Program (IEP).	1 verified credit	2 verified credits
	Possible Pathway: 1. Earth Sci 2. Biology 3. Elective	Possible Pathways: 1. Earth Sci 1. Earth Sci/Bio 2. Biology 2. Chem/AP Environ 3. Chemistry 3. AP Bio or physics 4. Elective 4. AP Chem or AP physics

**MCPS High School Mathematics
Course Pathways**

These pathways meet the Mathematics requirements for the **Standard diploma** for students who entered 9th Grade for the first time in 2010-11 or later.

9 th	Algebra Readiness
10 th	Algebra I, Pt. I & Algebra I, Pt. II
11 th	Geometry, Pt. I & Geometry, Pt. II
12 th	Algebra, Functions, and Data Analysis

9 th	Algebra I, Pt. I & Algebra I, Pt. II
10 th	Algebra, Functions, and Data Analysis
11 th	Geometry, Pt. I & Geometry, Pt. II
12 th	Grade 12 Mathematics Capstone Course

9 th	Algebra I, Pt. I & Algebra I, Pt. II
10 th	Geometry, Pt. I & Geometry, Pt. II
11 th	Algebra, Functions, and Data Analysis
12 th	Grade 12 Mathematics Capstone Course

9 th	Algebra I, Pt. I & Algebra I, Pt. II
10 th	Algebra, Functions, and Data Analysis
11 th	Geometry
12 th	Grade 12 Mathematics Capstone Course

9 th	Algebra I, Pt. I & Algebra I, Pt. II
10 th	Geometry
11 th	Algebra, Functions, and Data Analysis
12 th	Grade 12 Mathematics Capstone Course

9 th	Algebra I
10 th	Geometry
11 th	Algebra, Functions, and Data Analysis
12 th	Grade 12 Mathematics Capstone Course

9 th	Algebra I
10 th	Algebra, Functions, and Data Analysis
11 th	Geometry
12 th	Grade 12 Mathematics Capstone Course

MCPS High School Mathematics Course Pathways

These pathways meet the Mathematics requirements for the **Advanced Studies diploma** for students who entered 9th Grade for the first time in 2010-11 or later.

9 th	Algebra I
10 th	Geometry
11 th	Algebra, Functions, and Data Analysis
12 th	Algebra II

9 th	Algebra I
10 th	Geometry
11 th	Algebra II
12 th	Trigonometry/Advanced Algebra or Grade 12 Mathematics Capstone Course

For students who have completed Algebra I prior to entering 9th Grade:

9 th	Algebra, Functions, and Data Analysis
10 th	Geometry
11 th	Algebra II
12 th	Grade 12 Mathematics Capstone Course

9 th	Geometry
10 th	Algebra, Functions, and Data Analysis
11 th	Algebra II
12 th	Grade 12 Mathematics Capstone Course

9 th	Algebra, Functions, and Data Analysis
10 th	Geometry
11 th	Algebra II
12 th	Trigonometry/Advanced Algebra

9 th	Geometry
10 th	Algebra, Functions, and Data Analysis
11 th	Algebra II
12 th	Trigonometry/Advanced Algebra

9 th	Algebra, Functions, and Data Analysis
10 th	Geometry
11 th	Algebra II
12 th	Mathematical Analysis/Pre-Calculus

9 th	Geometry
10 th	Algebra, Functions, and Data Analysis
11 th	Algebra II
12 th	Mathematical Analysis/Pre-Calculus

9 th	Algebra, Functions, and Data Analysis
10 th	Geometry
11 th	Algebra II
12 th	AP Statistics or AP Computer Science

9 th	Algebra, Functions, and Data Analysis
10 th	Geometry
11 th	Algebra II
12 th	AP Statistics or AP Computer Science

MCPS High School Mathematics Course Pathways

For students who have completed Algebra I and Geometry prior to entering 9th Grade:*

9 th	Algebra, Functions, and Data Analysis
10 th	Algebra II
11 th	Trigonometry/Advanced Algebra
12 th	DE Pre/Applied Calculus (DE3230) or AP Statistics or AP Computer Science

9 th	Algebra, Functions, and Data Analysis
10 th	Algebra II
11 th	Mathematical Analysis/Pre-Calculus
12 th	DE Calculus I (DE31995) AP Statistics or AP Computer Science

9 th	Algebra II
10 th	Trigonometry/Advanced Algebra
11 th	DE Pre/Applied Calculus (DE3230)
12 th	AP Statistics or AP Computer Science

9 th	Algebra II
10 th	Mathematical Analysis/Pre-Calculus
11 th	DE Calculus I (DE31995)
12 th	DE Calculus II (DE31996)

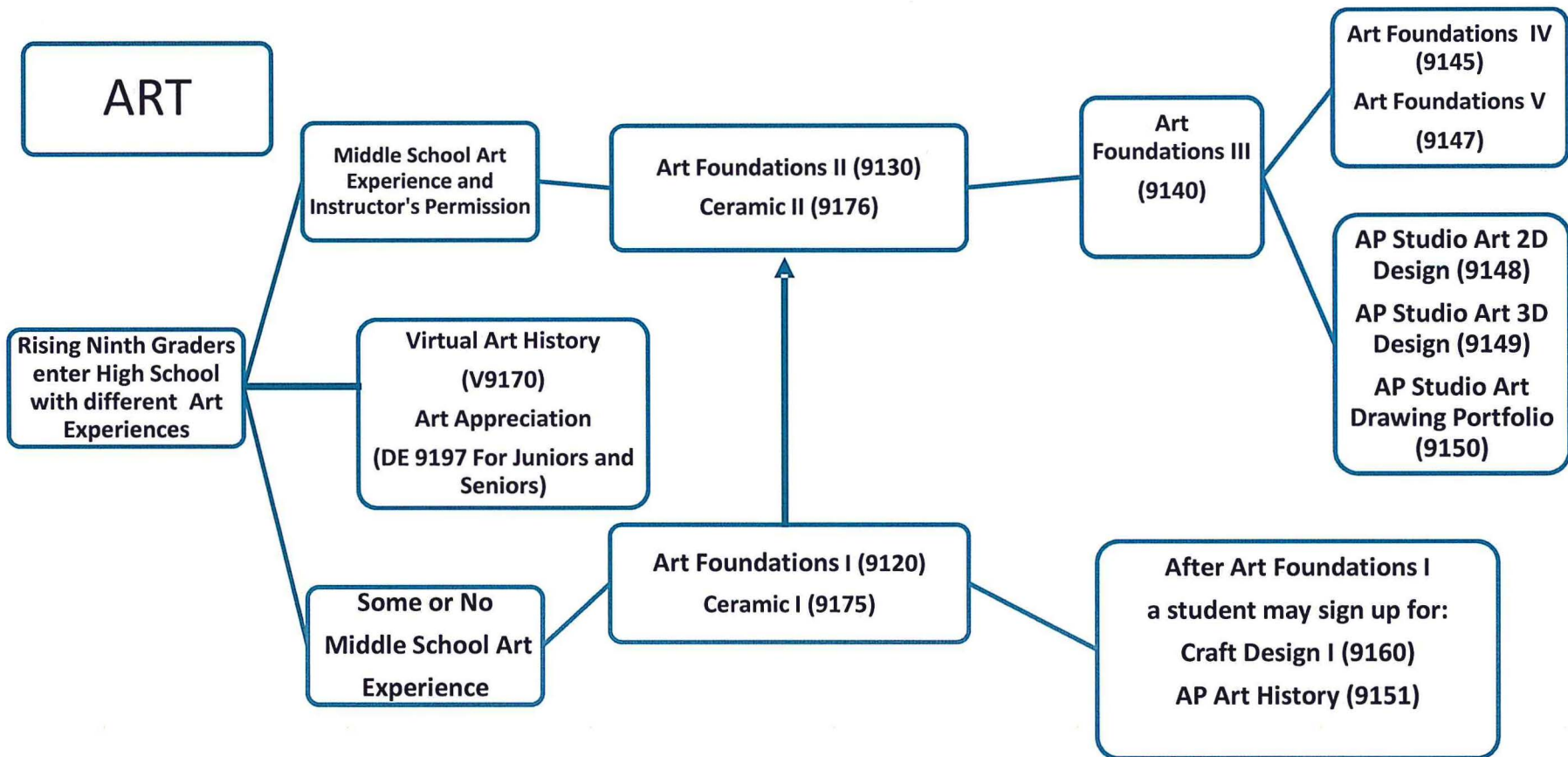
9 th	Algebra II
10 th	Mathematical Analysis/Pre-Calculus
11 th	AP Calculus AB
12 th	AP Calculus BC

*This is not intended to be an exhaustive list; accelerated students have access to multiple mathematics elective pathways.

Prerequisites for Elective Courses

<i>Elective</i>	<i>Prerequisite</i>	<i>Elective</i>	<i>Prerequisite</i>
Trigonometry/Advanced Algebra Mathematical Analysis/Pre-Calculus AP Statistics AP Computer Science	Algebra II	DE Calculus II (DE31996)	DE Calculus I (DE31995) or equivalent
DE Pre-/Applied Calculus (DE3230) DE Calculus I (DE31995) AP Calculus AB	Trigonometry/Advanced Algebra or Mathematical Analysis/Pre-Calculus	AP Calculus BC	Trigonometry/Advanced Algebra or Mathematical Analysis/Pre-Calculus; and DE Calculus I (DE31995) or AP Calculus AB (Recommended)

Revised November 2014



Standard Diploma	Advanced Studies Diploma
1 Unit of Fine Arts	1 Unit of Fine Arts

