

NTHS CURRICULUM

2012-2013 School Year

= new for 13-14 ??

[S] = sequence requirement

[AC] = required academy course

[AE] = academy elective

[CC] = college credit offered via articulation agreement

AP = College Board Advanced Placement course

	NYS Required	Local Required	Units	Elective		
Art			1.0	Studio in Art [S]		
			1.0	Drawing & Painting		
	one unit in art or music required for all to graduate					
			1.0	Advanced Painting		not offered 11-12
	art sequence = 4.0 units + art comp. exam			1.0	Digital Media [AC]	
		(replaces 3 unit For. Lang. for Adv. R)		0.5	Ceramics	
	5 unit sequence in Technical Drawing available			0.5	Advanced Ceramics	not offered 11-12
			0.5	Creative Crafts [AE]		
			0.5	Advanced Creative Crafts [AE]		not offered 11-12
			0.5	Fine Arts Appreciation [AE]		not offered 11-12
			1.0	Design Drawing for Production [AC] [S]		
			1.0	Industrial Drawing [AC] [S]		loss of tech drawing seq
		1.0	Architectural Drawing [AC] [S]		loss of Arch seq for AOEA	
		0.5	Graphic Design [AE]			
		1.0	AP Studio Art		only 1 request for 12-13	

	NYS Required	Local Required	Units	Elective		
Business			1.0	Business Law [AC]		
			0.5	Career & Financial Management [AC]		
	5 unit sequence replaces			0.5	Personal Financial Literacy [AC]	
	3 unit For. Lang. for Adv. R			1.0	Introduction to Accounting [AC]	
			1.0	College Accounting [AC] [CC @ Hilbert, NCCC]		not offered 11-12
			0.5	International Business [AC] [AE]		
			0.5	Business Ownership [AC]		
			1.0	Hospitality/Sports & Entertainment Marketing [CC]		
			0.5	Banking [AC]		
			0.5 - 1.0	Career Exploration Internship Program (CEIP) [AC]		

	NYS Required	Local Required	Units	Elective		
Computers		Computer Apps [AC,CC@NCCC]	0.5			
			0.5	Personal Keyboarding		
	5 unit sequence in computer technology			0.5	Principles of Information Technology [AC]	loss of AOIT
	5 unit sequence in computer programming			1.0	Web Design	
			0.5	Advanced Computer Skills (Multimedia)		not offered 11-12

					0.5	Adv. Comp. Skills (MOS cert.) [CC @ NCCC or Med.]	not offered 11-12
					1.0	Intro to Computer Programming [AE]	
					1.0	Advanced Computer Science: JAVA	not offered 11-12
					1.0	AP Computer Science: JAVA	not offered 11-12

	NYS Required	Local Required	Units	Elective	
English	Regents English 9		1.0		
	Regents English 10		1.0		
	Regents English 11		1.0		
	Regents English 12		1.0		
	AIS ELA Writing Lab		NA		reduce by 8, 1/2 yr EOD secs
	AIS Reading Lab		0.25		
			1.0	CAP Advanced ELA [CC @ NCCC]	
			1.0	21st Century Communications	
	4 units required for all to graduate			0.5	Science Fiction & Fantasy
			1.0	AP English (A & B)	
			0.5	SAT Math/English Prep	10 weeks not offered 11-12
			0.5	Greek Drama	

	NYS Required	Local Required	Units	Elective	
Family & Consumer Sciences			0.5	Career & Financial Management [req. for BOCES]	
			0.5	Adolescent Issues	
			1.0	Food & Nutrition/Global Foods	
			1.0	Clothing & Textiles/Housing & Interior Design*	
			0.5	Advanced Clothing & Textiles	
			0.5	Life On Your Own	
	5 unit sequence replaces 3 unit For. Lang. for Adv. R		0.5	Child Development	
			0.25	Child Development Internship	
	*fulfills fine art 1.0 unit requirement for graduation		0.5	Parenting	

	NYS Required	Local Required	Units	Elective	
Foreign Languages	French 1		1.0		
	Spanish 1		1.0		
	German 1		1.0		
	French 2		1.0		
	Spanish 2		1.0		
	German 2		1.0		
	French 3		1.0		
	Spanish 3		1.0		

German 3				1.0					
AIS Foreign Languages				NA					not offered 11-12
				1.0	French 4				
				1.0	German 4 [CC CAP @ NCCC]				
1 unit required for all to graduate				1.0	Spanish 4 Conversation				
* 2 for. Lang. courses each year				1.0	Spanish 4 Composition				
currently required for AOIS				1.0	French 5 [CC CAP @ NCCC]				
* 3rd for. Lang. course satisfies				1.0	Spanish 5 [CC CAP @ NCCC]				
AOIS elective requirement (4 units)				0.5	For. Lang. for Elem. Students (FLES) [AE-internship]				

Health Education

NYS Required	Local Required	Units	Elective
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Health 10	one of these three options	0.5					
Health 11/12	is required to graduate	0.5					
Health CAP (CC @ NCCC)		0.5					new in 12-13

Physical Education

NYS Required	Local Required	Units	Elective
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Physical Education 9		0.5					
Physical Education 10		0.5					
Physical Education 11		0.5					
Physical Education 12		0.5					
		0.25	Swimming				

Mathematics

NYS Required	Local Required	Units	Elective
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Pre-Algebra		1.0						
Regents Integrated Algebra		1.0						
Regents Geometry		1.0						
Regents Algebra 2/Trigonometry		1.0						
AIS Pre-Algebra		NA						
AIS Integrated Algebra		NA					reduce by 4 1/2 yr EOD secs	
		1.0	Pre Calculus B					
3 units required for all to graduate				1.0	College Pre Calculus A [CC CAP @ NCCC]			
		1.0	AP Calculus					
Integrated Algebra, Geometry &				1.0	Physical Math			
Algebra 2/Trigonometry required for Adv. Regents				0.5	SAT Math/English Prep		10 weeks	not offered 11-12
		1.0	Senior Math Topics					

Music

NYS Required	Local Required	Units	Elective
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		1.0	Jacks & Jills Advanced Mixed Chorus				create gen& adv choruses
one unit in art or music required for all to graduate				1.0	Bella Voce Advanced Women's Chorus		
		1.0	High School Chorale General Mixed Chorus				

3 & 5 unit sequences available			1.0	Orchestra (9-12)				
			1.0	Red Band				
			1.0	Blue Band				
			1.0	Wind Symphony				
			1.0	Music Theory I [S]				
			1.0	Music Theory II [S]	taught concurrently w/ III			
			1.0	Music Theory III	taught concurrently w/ II			
			0.5	Music In Our Lives [AE]				

create gen & adv bands

Science	NYS Required	Local Required	Units	Elective				
	The Living Environment: Biology		1.0					
	The Physical Setting: Earth Science		1.0					
	The Physical Setting: Chemistry		1.0					
	The Physical Setting: Physics		1.0					
	AIS Biology		NA					
	AIS Earth Science		NA					
			1.0	AP Biology				
			1.0	AP Chemistry				
	3 units required for R diploma		1.0	AP Physics C Electricity & Magnetism				
	Liv Env & Phys Set + 1 regents exam		1.0	AP Physics C Mechanics				
	3 units required for Adv R		1.0	Botany				
	Liv Env & Phys Set + 3 regents exams		1.0	Human Anatomy & Physiology				
			1.0	Environmental Issues				

not offered 11-12

Social Studies	NYS Required	Local Required	Units	Elective				
	Global History & Geography I		1.0					
	Global History & Geography II		1.0					
	Regents US History/Government		1.0					
	Participation in Government		0.5					
	Economics & Economic Decision Making [AC]		0.5					
	AIS Social Studies		NA					
			0.5	AP Economics I				
	4 units required for all to graduate		0.5	AP Economics II				
			1.0	AP European Studies [AE]				
			1.0	AP American Studies				
			0.5	AP Government				
			0.5	Introductory Sociology				
			0.5	Introductory Psychology				

not offered 11-12

not offered 11-12

	NYS Required	Local Required	Units	Elective	
Technology			0.5	Career & Financial Management	
	5 unit sequence replaces 3 unit For. Lang. for Adv. Reg. Diploma		0.5	Computer Systems [AC]	loss of AOIT
			1.0	Manufacturing & Materials Processing	
			0.5	Construction Systems	not offered 11-12
			0.5	Electricity & Electronics	not offered 11-12
			1.0	Principles of Engineering & Energy Systems [AC]	
			1.0	Digital Media Technology & Production [AC]	
			0.5	Technical Drawing	not offered 11-12
			1.0	Design Drawing for Production [AC]	not offered 11-12
	CAD 1 is 5th course in Technical Drawing sequence		1.0	Intro. Comp. Aided Draw. (CAD I) [CC @ NCCC] [AC]	
	(see Art dept)		1.0	Adv. Comp. Aided Draw. (CAD II) [CC @ NCCC] [AC]	
			1.0	Engineering Design (CAD III) [AC]	
			0.5 - 1.0	Career Exploration Internship Program (CEIP)[AC]	

Abbreviation Key

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- AP = College Board Advanced Placement course
- AIS = Academic Interventions Service (required by Federal No Child Left Behind mandate)
- [AE] = academy elective