

**DHS Electives by Grade Level**

	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b># Sems</b>	<b>Pre-requisite</b>
<b>ART</b>						
Art Foundations	X	X	X	X	1	
Art Honors			X	X	1	Drawing & Painting 3 Honors OR Ceramics 2 OR Photo 2 & dept approval
Art Print Making		X	X	X	1	Drawing & Painting 1 OR permission from Teacher
AP Studio Art			X	X	2	Drawing and Painting 3 Honors OR Ceramics 2
AP Art and Design: 2D (Digital Photo/Photography track)			X	X	2	Graphic Design 2 AND Digital Photo 2 OR Digital Photo 2 AND Photo 2
Ceramics 1	X	X	X	X	2	
Ceramics 2		X	X	X	2	Ceramics 1
Ceramics 3			X	X	1	Ceramics 2 & permission from Teacher
Clay Sculpture	X	X	X	X	1	
Digital Photography	X	X	X	X	1	
Digital Photography 2	X	X	X	X	1	Digital Photography
Drawing	X	X	X	X	1	
Drawing & Painting 1	X	X	X	X	1 or 2	Art Foundations
Drawing & Painting 2		X	X	X	1	Drawing and Painting 1
Drawing & Painting 3 Honors		X	X	X	1	Drawing and Painting 2 OR permission from Teacher
Graphic Design 1	X	X	X	X	1	
Graphic Design 2	X	X	X	X	1	Graphic Design 1
Historical Art Making	X	X	X	X	1	
Mural Painting			X	X	1	Drawing & Painting 3 Honors OR permission from Teacher
Photography 1		X	X	X	1	Students must provide 35mm camera
Photography 2		X	X	X	1 or 2	Photo 1 AND students provide 35mm camera
Sculpture	X	X	X	X	1	
<b>Business Education</b>						
Investing & Personal Finance	X	X	X	X	1	
Pre-Law	X	X	X	X	1	
Business & Entrepreneurship	X	X	X	X	1	
Marketing Essentials	X	X	X	X	1	
<b>Computer Science</b>						
AP Computer Science		X	X	X	2	Computer Science w/ B+ or higher and permission from Teacher
AP Computer Science Principles		X	X	X	2	B- or better in Algebra 1 and dept. approval
Computer Animation	X	X	X	X	1	
Computer Applications	X	X	X	X	1	
Computer Science	X	X	X	X	1	
Advanced Programming			X	X	2	AP Computer Science w/ B+ and permission from Teacher
Web Design 1	X	X	X	X	1	
Web Design 2	X	X	X	X	1	Web Design 1 with C or higer
<b>English</b>						
Advanced Comp & Tutor Training			X	X	1	Recomendation from teacher, application, and department approval
AP Language & Comp 11/American Literature			X		2	English 10 Honors w/ B- or higher and permission of teacher or equal score on placement
AP Language & Comp 12/Postmodern Voices				X	2	Am. Lit with B+ or higher OR AP Lang & Comp w/ B- or higher
AP Literature & Comp				X	2	Ap Lang & Comp w B- or higher OR Am Lit w/ B+ or higher
Behind the Dragon: East Asian Literature			X	X	1	American Literature OR may be taken concurrently by juniors
Beyond the NY School: Contemporary Poetry			X	X	1	American Literature OR may be taken concurrently by juniors
Creative Writing 1			X	X	1	English 10 and permission from Teacher
Creative Writing Advanced			X	X	1	Creative Writing 1, or comparable previous work and permission from Teacher
Critical Approaches to Film			X	X	1	
Dangerous Creatures: Women and Fiction			X	X	1	American Literature OR may be taken concurrently by juniors
Drama 1	X	X	X	X	1	
Drama 2	X	X	X	X	1	Drama 1 OR permission from Teacher
From Knights to Knaves: British Literature			X	X	1	American Literature OR may be taken concurrently by juniors
Knowing Nothing: Literature and Philosophy			X	X	1	American Literature OR may be taken concurrently by juniors
A Moveable Feast: The Literature of Food and Travel			X	X	1	American Literature. May be taken concurrently by juniors
Mystery and Mayhem: The Literature of Suspense			X	X	1	American Literature OR may be taken concurrently by juniors
Page and Stage: Literature in Performance			X	X	1	American Literature OR may be taken concurrently by juniors
The Lettered Athlete: Sports and Literature			X	X	1	American Literature OR may be taken concurrently by juniors
Writers Workshop		X	X	X	1	
Writing with Purpose		X	X	X	1	
<b>History &amp; The Social Sciences</b>						
America since 1945			X	X	1	
AP Economics			X	X	2	Algebra 2
AP European History			X	X	2	Department approval
AP Human Geography				X	2	

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AP Government & Politics				X	1	American History, or AP American History, and department approval
AP Macroeconomics			X	X	1	AP Economics (may be taken concurrently)
Contemporary Issues			X	X	1	
Economics		X	X	X	1	
Humanities		X	X	X	1	
Philosophy			X	X	1	
Psychology			X	X	1	
<b>Mathematics</b>						
AP Calculus BC				X	2	Precalc Honors with an A- plus teacher & department approval
AP Calculus AB				X	2	
AP Statistics			X	X	2	Precalculus Honors with a B or higher; Precalculus with an A- or higher OR Precalculus with a B+ or higher with teacher and department approval
College Math Topics			X	X	2	Alegbra 2 or Geometry
Multivariable Calculus				X	2	AP Calc BC plus teacher and department approval
Principles of Calculus			X	X	2	Precalc Honors with a grade of C or higher each semester OR Precalculus with a B- or higher each semester, permission of teacher, and dept. approval
Probability & Statistics			X	X	2	300 Alg 2 with C or higher and department approval
<b>Media Studies</b>						
Introduction to Media Studies	X	X	X	X	1	
Media Studies: Digital Journalism	X	X	X	X	1	Introduction to Media Studies
Media Studies: Video Production	X	X	X	X	1	Introduction to Media Studies OR permission from teacher
<b>Music</b>						
AP Music Theory			X	X	2	Music Theory OR permission from Teacher
Concert Band	X	X	X	X	2	Recommendation from 8th grade Teacher, or audition and prior music experience
Chamber Choir Honors		X	X	X	2	audition and department approval
Concert Choir	X	X	X	X	2	none
Music Technology 1	X	X	X	X	1	none
Music Technology 2	X	X	X	X	1	Music Technology 1
Music Theory	X	X	X	X	1	none
Orchestra	X	X	X	X	2	Recommendation from 8th grade Teacher and prior music experience
Chamber Orchestra Honors		X	X	X	2	audition and department approval
Wind Ensemble Honors		X	X	X	2	audition and department approval
Percussion Ensemble	X	X	X	X	2	Recommendation from 8th grade Teacher and prior music experience
<b>Reading &amp; Study Skills</b>						
Reading & Study Skills	X	X	X	X	1 or 2	
<b>Science</b>						
AP Biology			X	X	2	300 Bio with B+ OR 400 Bio Honors with B & 300 Chem with B+ or 400 Chem with B
AP Chemistry			X	X	2	300 Chem with B and approval OR 400 Chem Honors with B-
AP Environmental Science			X	X	2	Bio with B or Bio Honors iwth B- & Chem with B or Chem Honors with B-
AP Physics C Mechanics			X	X	2	400 Science with B OR 300 Science with A- and permission & enrolled in AP Calc
AP Physics C Electricity & Mag				X	2	AP Phy C Mech & AP Calc BC OR Ap Calc AB with permission (both)
App. of Physics & Chem 1			X	X	1	Biology and Earth Science
App. of Pysics & Chem 2			X	X	1	Biology and Earth Science
Authentic Science Research		X	X	X	6	Bio and writing sample/application - 3 credits
Botany			X	X	1	
Chemistry		X	X	X	2	
Chemistry Honors		X	X	X	2	
Earth Science		X	X	X	2	Bio
Science of Forensic Investigation			X	X	1	Bio
Marine Science			X	X	1	Bio with C+ OR permission from department
Modern Physics			X	X	1	Physics, or Physics Honors, or AP Physics
Neuroscience & Biopsychology			X	X	1	Bio and Chem. Psychology suggested
Physics			X	X	2	
Physics Honors			X	X	2	
<b>Special Programs</b>						
IDEA Program	X				2	8th grade IDEA and committee approval - .5 credits for year
Independent Study		X	X	X	1 or 2	application/plan/approval
US China Exchange		X	X	X	2	application/recommendation/interview
<b>Technology &amp; Engineering</b>						
App. of Physics & Chem 1			X	X	1	Biology and Earth Science
App. of Pysics & Chem 2			X	X	1	Biology and Earth Science
Architecture 1	X	X	X	X	1	
Architecture 2	X	X	X	X	1	Architecture 1
DIY (Do It Yourself)	X	X	X	X	1	
Drafting	X	X	X	X	1	

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Electronics	X	X	X	X	1	
Ind Projects in Engineering			X	X	4	
Principles of Engineering	X	X	X	X	1	Fundamentals of Engineering
Fundamentals of Engineering	X	X	X	X	1	
Woodworking 1	X	X	X	X	1	
Woodworking 2	X	X	X	X	1	WoodWorking 1. Students can take this course multiple times
<b>World Language</b>						
AP French			X	X	2	Fr 4H with B or Fr 4 with A- and permission (both)
AP Spanish			X	X	2	Sp 4H with B or Sp 4 with A- and permission (both)
French 1	X	X	X	X	2	8th grade Fr OR placement test
French 2	X	X	X	X	2	Fr 1 with C or higher
French 2 Accelerated	X	X	X	X	2	Fr 1 with A and permission
French 3		X	X	X	2	Fr 2 with C or better
French 3 Honors		X			2	Fr 2A with B OR Fr 2 with A- and permission (both)
French 4			X	X	2	Fr 3 with C or better
French 4 Honors			X	X	2	Fr 3H with B and permission OR Fr 3 with A-and permission
French 5			X	X	2	Fr 4 with C or dept approval
Latin 1	X	X	X	X	2	none
Latin 2		X	X	X	2	Latin 1 with C or higher
Latin 3			X	X	2	Latin 2 with C or higher
Latin 4				X	2	Latin 3 with C or higher
Mandarin Chinese 1	X	X	X	X	2	none
Mandarin Chinese 2		X	X	X	2	MC 1 and permission
Mandarin Chinese 3		X	X	X	2	MC 2 and permission
Mandarin Chinese 3 Honors		X	X	X	2	MC 2 with A- and permission
Mandarin Chinese 4		X	X	X	2	MC 3 and permission
Mandarin Chinese 4 Honors		X	X	X	2	MC 3H with B or higher OR MC 3 with A- and permission
Spanish 1	X	X	X	X	2	8th grade Sp OR placement and permission
Spanish 2	X	X	X	X	2	Sp 1 with C or higher
Spanish 2 Accelerated	X	X	X	X	2	Sp 1 with A and permission
Spanish 3		X	X	X	2	Sp 2 with C or higher
Spanish 3 Honors		X			2	Sp 2A with B or higher OR Sp 2 with A- and permission
Spanish 4			X	X	2	Sp 3 with C or higher
Spanish 4 Honors			X	X	2	Sp 3H with B or higher OR Sp 3 with A- and permission
Spanish 5			X	X	2	Sp 4 with C or higher OR department approval
Spanish 1B/2A	X	X	X	X	2	with teacher recommendation
Spanish 2B/3A		X	X	X	2	with teacher recommendation
Spanish 3B/4A		X	X	X	2	with teacher recommendation