

**New Hartford Senior High
Grade 12 Course Registration Guide for 2020-2021**

Extensive course information and graduation requirements are available in the Academic Information section of the Senior High School Counseling & Guidance webpage at <http://www.newhartfordschools.org/Page/2676>. Students are expected to log into the **School Tool Portal** and make their selections in the Course Registration section **before 2/23/20**. **After doing so, students should meet with their counselor to "lock in" their choices.**

CRS#	COURSE NAME	CRD	FORMAT	ADDITIONAL INFORMATION
ENGLISH: 4 credits of English and the ELA Regents Exam are required for graduation.				
075	English 12	1.0	Semestered	Required of all students not taking AP English Lit
100FALL & 100SPR	AP Eng Literature	0.5 each	Alternate day all year	100FALL & 100SPR must be selected together
SOCIAL STUDIES: Select BOTH an Economics and a Government course to complete the 4th required unit of Social Studies credit.				
175	Economics	0.5	Alternate day half year	
180	Government	0.5	Alternate day half year	
185FALL & 185SPR	AP Macro Economics	0.5 each	Alternate day all year	185FALL & 185SPR must be selected together
189FALL & 189SPR	AP US Govt & Politics	0.5 each	Alternate day all year	189FALL & 189SPR must be selected together
VOCATIONAL EDUCATION AND NEW VISIONS AT BOCES: A total of 4 credits are assigned to BOCES classes, which includes academic components as listed below				
NV1FALL & NV1SPR	NV Business Mgmt	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV2FALL & NV2SPR	NV Communications	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV3FALL & NV3SPR	NV Education	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV4FALL & NV4SPR	NV Engineering	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV5FALL & NV5SPR	NV Health Professions	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV6FALL & NV6SPR	NV Legal Professions	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV7FALL & NV7SPR	NV Performing Arts	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV8FALL & NV8SPR	NV Veterinary Sci	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
NV9FALL & NV9SPR	NV Nanotechnology	4.0 total	Blocks 1 & 2 all year	Also select NVENGF, NVENGS, NVSOFC and NVSOCS (.5 each)
OCC93-F & OCC93-S	Animal Science	4.0 total	Blocks 1 & 2 all year	Also select OCC9ENG and OCC9SCI (1.0 each)
OCC6-F & OCC6-S	Adver Desgn/Multimedia 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC022F* & OCC022S*	Auto Body Repair 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC026F* & OCC026S*	Automotive Technology 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC032F* & OCC032S*	Emerg Tech & Cyber Sec 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC033F* & OCC033S*	Certified Nurse Assistant 1	4.0 total	Blocks 3 and 4 all year	Also select OCC0ENG1*, OCC0MTH1* and OCC0SCI1* (.5 each) First Year Program
OCC036F* & OCC036S*	Conservation 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC042F* & OCC042S*	Construction Trades 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC046F* & OCC046S*	Cosmetology 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC052F* & OCC052S*	Criminal Justice 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC056F* & OCC056S*	Culinary Arts 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC062F* & OCC062S*	Early Childhood Educ 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC066F* & OCC066S*	Electricity 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC072F* & CC072S*	Outdoor Power Equipt 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
OCC076F* & OCC076S*	Welding 2	4.0 total	Blocks 1 & 2 all year	Also select OCC0ENG2*, OCC0MTH2* and OCC0SCI2* (.5 each)
MATH: 3 credits & the Integrated Algebra Regents Exam are required for graduation. Geometry & Algebra 2 Regents Exams are required for Advanced Designation.				
345	Algebra 1	1.0	Semestered	
346	Financial Algebra	1.0	Semestered	Prerequisite is passing Algebra 1 and the Regents Exam
347	Geometry Prep	1.0	Semestered	Prerequisite is passing Algebra 1 and the Regents Exam
348	Geometry	1.0	Semestered	Prerequisite is passing Algebra 1 and 80+ on the Regents Exam
350	Alg 2 & Trig Topics (MA115)	1.0	Semestered	Prerequisite is passing Geometry Prep; Dual credit course with MVCC
351N	Discrete Mathematics	1.0	Semestered	Prerequisite is Algebra 2 & Trig Topics
352	Elementary Stat (MA110)	1.0	Semestered	Prerequisite is passing Geometry Prep or Financial Algebra; Dual credit course with MVCC
356	Algebra 2	1.0	Semestered	Prerequisite is passing Geometry and 80+ on the Regents Exam
365	Pre-Calculus (MA150)	1.0	Semestered	Prerequisite is passing Algebra 2 and pass the Regents Exam; Recommended 80+ on Regents Exam ; Dual credit course with MVCC
373FALL & 373SPR	AP Computer Science A	0.5 each	Alternate day all year	373FALL & 373SPR must be selected together; Prerequisite is passing Alg 2 and passing the Regents Exam
374FALL & 374SPR	AP Statistics	0.5 each	Alternate day all year	374FALL & 374SPR must be selected together; Prerequisite is passing Alg 2 and passing the Regents Exam
376FALL & 376SPR	AP Calc AB	0.5 each	Alternate day all year	376FALL & 376SPR must be selected together; Prerequisite Pre-Calculus
377FALL & 377SPR	AP Calc BC	0.5 each	Alternate day all year	377FALL & 377SPR must be selected together; Prerequisite AP Calc AB & a 3 on the AP AB Exam
SCIENCE: 3 credits & 1 Regents Exam are required for graduation. One additional Regents Exam is required for Advanced Designation.				
270 & 271	Chemistry	1.0	Semestered plus 1 block	270 & 271 must be selected together; Prerequisite is Living Environment and Geometry completed or concurrent
284 & 286	Physics	1.0	Semestered plus 1 block	284 & 286 must be selected together; Prerequisite is Living Environment and Geometry completed or concurrent
290FALL & 290SPR	Ecology	0.5 each	Alternate day all year	290FALL & 290SPR must be selected together; Prerequisite is Living Environment
268SM1	Forensics fall	0.5	Alternate day half year	Students may select one or both of these courses. It also does not matter in what order these courses are completed.
268SM2	Forensics spr	0.5	Alternate day half year	
269	BioTech	1.0	Semestered	Living Environment; DDP is highly recommended
292SM1	Anat & Physio fall	0.5	Alternate day half year	Students may select one or both of these courses in any order. Prerequisite is Living Environment.
292SM2	Anat & Physio spr	0.5	Alternate day half year	
293FALL & 293SPR	AP Environmental Science	0.5 each	Alternated day each semester	293FALL & 2963PR must be selected together; Prerequisite is Living Environment & Chemistry or Physics Concurrently
294FALL & 294SPR	AP Biology	0.5 each	3 blocks fall; 2 blocks spring	294FALL & 294SPR must be selected together; Prerequisite is Living Environment & Chemistry
296FALL & 296SPR	AP Chemistry	1.0 fall 0.5 Spr	Semestered fall; 3 blocks spring	296FALL & 296SPR must be selected together; Prerequisite is Living Environment & 85+ Geometry Regents Exam & Pre(Co)requisite is Algebra 2
298FALL & 298SPR	AP Physics 1	0.5 each	3 blocks fall; 2 blocks spr	298FALL & 298SPR must be selected together; Pre(Co)requisite is Algebra 2
299FALL & 299SPR	AP Physics 2	0.5 each	3 blocks fall; 2 blocks spr	299FALL & 299SPR must be selected together; Prerequisite is AP Physics 1 OR 90+ on the Physics Regents Exam & successful completion of Algebra 2

CRS#	COURSE NAME	CRD	FORMAT	ADDITIONAL INFORMATION
WORLD LANGUAGE: 1 credit of World Language is required for graduation. 3 credits & the Regents/Checkpoint B Exam are required for Advanced Designation.				
412	French 1 & 2	1.0	Semestered	Prerequisite: Another World Language and are motivated to learn French
415	French 3	1.0	Semestered	Prerequisite is French 2
417	French 4	1.0	Semestered	Prerequisite is French 3 & passing the final exam
419DCF & 419DCS	AP French Lng & Culture (FR201&202)	0.5 each	Alternate day all year	419DCF & 419DCS must be selected together; Prerequisite is French 4; Dual credit with MVCC
435	Latin 3	1.0	Semestered	Prerequisite is Latin 2
437	Latin 4	1.0	Semestered	Prerequisite is Latin 3 & passing the final exam
439	Latin 5	1.0	Semestered	Prerequisite is Latin 4
451	Spanish 1	1.0	Semestered	
453	Spanish 2	1.0	Semestered	Prerequisite is Spanish 1
455	Spanish 3	1.0	Semestered	Prerequisite is Spanish 2
457	Spanish 4	1.0	Semestered	Prerequisite is Spanish 3 & passing the final exam
459DCF & 459DCS	AP Spanish Lng (SP201&202)	0.5 each	Alternate day all year	459FALL & 459SPR must be selected together; Prerequisite is Spanish 4; Dual credit with MVCC
470	Mandarin 1 (FL111&112)	1.0	Semestered	Prerequisite is concurrently enrolled in level 3 of another language; Dual credit with MVCC
472DC	Mandarin 2 (FL211&212)	1.0	Semestered	Prerequisite is Mandarin 1; Dual credit with MVCC
FINE ARTS: All students are required to complete one credit in Art and/or Music.				
749	Digital Photography	0.5	Alternate day half year	
750	Studio Art 1	0.5	Alternate day half year	
753	Digital Media Arts	0.5	Alternate day half year	
760	Drawing	0.5	Alternate day half year	Prerequisite is Studio Art 1
761	General Drawing (FA101)	0.5	Alternate day half year	Prerequisite is Studio Art 1; Grades 11 & 12 only; Dual credit with MVCC
762	Painting	0.5	Alternate day half year	Prerequisite is Studio Art 1
780	Ceramics 1	0.5	Alternate day half year	
782	Ceramics 2	0.5	Alternate day half year	Prerequisite is Ceramics 1
784	Ceramics 3	0.5	Alternate day half year	Prerequisite is Ceramics 2
795SM1	Advanced Art – Drawing/Painting	0.5	Alternate day Fall	Prerequisite: Studio Art 1
795SM2	Advanced Art – Drawing/Painting	0.5	Alternate day Spring	Prerequisite: Studio Art 1
796SM1	Advanced Art – Photo	0.5	Alternate day Fall	Prerequisite: Digital Photo
796SM2	Advanced Art – Photo	0.5	Alternate day Spring	Prerequisite: Digital Photo
797FALL & 797SPR	AP Studio Art	0.5 each	Alternate day all year	797FALL & 797SPR must be selected together; Prerequisite is Drawing or Painting or General Drawing or Advanced Art D & P
849	Theater	0.5	Alternate day half year	
860	Music Theory	0.5	Alternate day half year	Prerequisite is to be a member of a performing group
850FALL & 850SPR	Choir	0.5 each	Alternate day all year	850FALL & 850SPR must be selected together
855FALL & 855SPR	Symphonic Band	0.5 each	Alternate day all year	855FALL & 855SPR must be selected together
858FALL & 858SPR	Orchestra	0.5 each	Alternate day all year	858FALL & 858SPR must be selected together
ADDITIONAL GRADUATION REQUIREMENTS: All students must complete Health and Computer Applications. In addition, Physical Education is required EACH year of high school.				
510	Computer Apps	0.5	Alternate day half year	Students who are successful on Comp Apps Competency Exam do not need to take the course.
935	Health	0.5	Alternate day half year	
950FALL	Phys Ed	0.25	1 block per cycle	All students must have Phys Ed in both semesters. These courses will already be listed in ST Course Registration for you.
950SPR	Phys Ed	0.25	1 block per cycle	
SUPPORT SERVICES				
AIS12F & AIS12S	Learning Center	0	Alternate day all year	AIS assigned based upon previous performance in required courses
RES12F & RES12S	Resource Room Support	0	Alternate day all year	CSE determines Resource Room placement
ELECTIVES FOR GRADE 12				
079	Journalism	0.5	Alternate day half year	
082	Speech & Debate	0.5	Alternate day half year	
191	Humanitarian Law & War Crimes	0.5	Alternate day half year	
195	Psychology	0.5	Alternate day half year	
196FALL & 196SPR	AP Psychology	.5 each	Alternate day all year	196FALL & 196SPR must be selected together
515	Emerging Technology	0.5	Alternate day half year	
525	Accounting (AC110)	1.0	Semestered	Dual credit course with MVCC
536	Intro. To Business (BM100)	1.0	Semestered	Dual credit course with MVCC
540	Personal Finance (BM108)	1.0	Semestered	Dual credit course with MVCC
550	Production Systems	0.5	Alternate day half year	550
590	PLTW-DDP	4	Semestered or Alt Day	
591FALL & 591SPR	AP PLTW Computer Science Principles	.5 each	Alternate day all year	591FALL & 591SPR must be selected together; Prerequisite is Algebra 1 & Regents Exam
592	PLTW Digital Electronics	1.0	Semestered or Alt Day	
593	PLTW CIMS	1.0	Semestered or Alt Day	DDP is highly recommended
596	PLTW Prin of Engineering	1.0	Semestered	DDP required; Digital Electronics and CIM Recommended; Physics suggested previously or concurrently
599	PLTW Engineering Design	1.0	Semestered or Alt Day	DDP required; Recommended for students in grade 12

Students who elect to enroll in Advanced Placement courses are required to take the accompanying AP exam/portfolio submission in May. The cost of each exam is currently \$94. Students are expected to pay for up to two exams each year. Any additional AP exams (in which course you are enrolled) will be paid for by the school district. If you drop after a certain point you will not receive a refund and may incur a drop fee.

There are bridging opportunities at Hamilton College, MVCC, and Utica College. If you are interested please talk with your counselor ASAP. More information about these opportunities can be found on the Counseling & Guidance website under Academic Information – College Bridging Opportunities.