

Newton High School Career and Technical Education

Newton High School has articulation agreements with many Kansas colleges. This means that NHS students who plan on attending this college and have taken the required high school courses would be eligible to receive the college course listed **free of charge**. It is the student's responsibility to apply for this credit. It will not be automatically awarded. Students must present an official high school transcript to the college's registrar to gain these credit hours.

Articulated credit is not the same as SB155 courses. SB155 courses provided HCC credit for the student while they were enrolled as a NHS student. Students enrolled in SB155 courses received concurrent credit (NHS graduation credit AND HCC college credit at the same time.)

Pathway	College	High School Course(s)	Will Transfer as this College Course(s)	# of Credit Hours	Notes
Ag Science	Hutchinson Community College	Animal Science AND Agribusiness	FM109 Livestock Management	3	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program.
		Pre-vocational welding AND Modern Ag Mechanics Skills	WE104 Shielded Metal Arch Welding I AND WE106 Cutting Processes I	3 3	
		Small Engine Repair	AP115 Small Engine Chain Saw Repair	3	
		Horticulture I AND Horticulture II	AG110 Home Horticulture	2	
Construction	Hutchinson Community College	Woodworking II	BT104 Cabinet Construction and Installation	3	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program
Health Science	Hutchinson Community College	Health Science IV	AL131 Geriatric Aide – CNA AND EM131 Cardiac Care	4.5 .5	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program Proof of completion for BOTH courses is required for articulated credit

IT: Networking	Hutchinson Community College	Networking Systems	IS182 Cisco CCNA I	3	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program
		Router Basics	IS183 Cisco CCNA II	3	
Mobile Equipment Maintenance	Hutchinson Community College	Engine Performance (Auto 1B)	AM202 Engine Performance	3	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program
		Electrical I (Auto 1A)	AM102 Electrical I	3	
		Brakes I (Auto IIB)	AM104 Brakes I	3	
Plant Systems	Hutchinson Community College	Horticulture I AND Horticulture II	AG110 Home Horticulture	2	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program
Production - Machining	Hutchinson Community College	Intro to Industrial Technology AND Precision Machining I AND Precision Machining II	MC101 Intro to Machine Technology	3	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program
			MC115 Machining Fundamentals I	3	
			MC116 Machining Fundamentals II	3	
			MC105 Machine Tech. Blueprint Reading	3	
			MC104 Machine Technology Math	2	
			MC201 Machining Fundamentals III	2	
MC117 CNC Operations	3				
MC112 Inspection and Quality Control	1				
MC204 Machine Practices I	1				
Production - Welding	Hutchinson Community College	Intro to Industrial Technology AND Welding I AND Welding II	WE101 Welding Safety	2	<ul style="list-style-type: none"> College credit will only be awarded for a grade of B or better Courses will be reported on the HCC transcript as a "CR" rather than a letter grade Student may apply up to 9 hours of articulated courses toward a 2-year technical degree program Student may apply up to 6 hours of articulated courses toward a certificate program
			WE102 Welding Blueprint Readings	2	
			WE103 Oxy-fuel Welding	2	
			WE104 Shielded Metal Arc Welding I	3	
			WE105 Shielded Metal Arc Welding II	3	
			WE130 Welding Blueprint Readings II	2	
			WE110 Gas Metal Arc Welding I	3	
			WE112 Gas Tungsten Arc Welding I	3	
			WE204 Core Wire Welding I	2	
WE214 Core Wire Welding II	1.5				
WE106 Cutting Processes I	3				
Animal Science	Pratt Community College	Exploratory Agriculture AND 2 of the following: Tech Ag Animal Science Animal Health/Vet Tech Agribusiness	AGR 142 Ag in Our Society	1	<ul style="list-style-type: none"> Credit will be considered Advanced Placement credit, and will be awarded upon student submission to the college of the student's high school transcript. College credit will only be given for a final grade of C or better. No fee will be assessed for the college credit awarded.

		Ag Internship			<ul style="list-style-type: none"> • Student must declare Farm & Ranch Management as their major area of interest. • College credits will be available for award after the student has successfully completed the next courses in the sequence.
		Exploratory Agriculture AND Animal Science AND Animal Health/Vet Tech	AGR235 Animal Management	3	
Plant Systems	Pratt Community College	Exploratory Agriculture AND 2 of the following: Tech Ag Animal Science Animal Health/Vet Tech Agribusiness Ag Internship	AGR 142 Ag in Our Society	1	<ul style="list-style-type: none"> • Credit will be considered Advanced Placement credit, and will be awarded upon student submission to the college of the student's high school transcript. • College credit will only be given for a final grade of C or better. • No fee will be assessed for the college credit awarded. • Student must declare Farm & Ranch Management as their major area of interest. • College credits will be available for award after the student has successfully completed the next courses in the sequence.
		Exploratory Agriculture AND Horticulture I AND Horticulture II	AGR117 Horticulture	1	
Power Structural & Technical Systems	Pratt Community College	Exploratory Agriculture AND Modern Ag Mechanics Pre-Vocational Welding	AGR255 Farm Welding & Repair OR APT101 Welding I	2 2	<ul style="list-style-type: none"> • Credit will be considered Advanced Placement credit, and will be awarded upon student submission to the college of the student's high school transcript. • College credit will only be given for a final grade of C or better. • No fee will be assessed for the college credit awarded. • Student must declare Farm & Ranch Management as their major area of interest. • College credits will be available for award after the student has successfully completed the next courses in the sequence.
		AND one of the following Adv. Modern Ag Mechanics Ag Equipment Construction			
		Exploratory Agriculture AND Small Engines Modern Ag Mechanics AND one of the following Adv. Modern Ag Mechanics Ag Power	APT125 Outdoor Power Equipment	3	
Engineering	Wichita State University	Intro to Engineering	IME 222 Engineering Graphics	3	<ul style="list-style-type: none"> • The student must earn a score of at least 80% in the PLTW course • The student must score 70% or better on the end-of-course exams which are administered by the national PLTW organization • The student must submit a course portfolio • The student must pay a \$200 fee per course (3 hours of credit) • The student's WSU transcript will show the -equivalent course name and number. The credits will not appear on the transcript until the student completes at least one additional WSU.
		Principles of Engineering	ENGR 101 Introduction to Engineering	3	