

NHS Career and Technical Education

College Credit Options

Newton High School course	Transfers to HCC as...	Number of College Credits
Accounting	BU100 Small Business Accounting	3
Agribusiness	FM105 Farm Management	3
Animal Science	FM109 Livestock Management	3
Auto I (A-C)	AM101 Power Plant Theory AM102 Electrical I AM202 Engine Performance I	4 3 3 Total Hours: 10
Auto II (A-D)	AM104 Brakes I AM105 Brakes II AM201 Steering & Suspension I AM205 Steering & Suspension II	3 2 3 1 Total Hours: 9
Drive Train	AM203 Drive Train	4
Mobile HVAC	AM204 Heating & Air Conditioning Theory	4
	Total Auto program hours	27
Computer Aided Manufacturing	MC117 CNC Operations	3
EMT	EM110 Emergency Medical Technician EM131 Cardiac Care	10 .5 Total Hours: 10.5
Fire Science I and II	FS110 – Firefighter I FS150 – Hazardous Materials Ops First Responder FS151 – Fireground Operations EM131 – Cardiac Care	4 1.5 1 .5 Total Hours: 7
Health Science IV	AL131 Certified Nurse Aide EM131 Cardiac Care	4.5 .5 Total Hours: 5
Networking Systems	IS182 Cisco CCNA I	3
Pre-Vocational Welding	WE101 Welding Safety I WE104 Shielded Metal Arc Welding I WE106 Cutting Processes I	1 1 1 Total Hours: 3
Precision Machining & CNC Fundamentals I -1st semester	MC110 Benchwork MC111 Print Reading MC118 Safety	1 3 1 Total Hours: 5

Precision Machining & CNC Fundamentals I -2nd semester	MC104 Machine Technology Math MC112 Quality Control and Inspection MC113 Metallurgy MC114 Machine Tool Processes MC115 Machining I	2 1 1 1 3 Total Hours: 8
Precision Machining & CNC Fundamentals II -1st semester	MC116 Machining II MC204 Machine Practices I	3 3 Total Hours: 6
Precision Machining & CNC Fundamentals II -2nd semester	MC117 CNC Operations MC205 Machine Practices II MC206 CNC Operations - Advanced TR120 Work Ethics	3 3 3 3 Total Hours: 12
	Total Precision Machining program hours	31
Router Basics	IS183 Cisco CCNA II	3
Small Engine Repair	AP115 Small Engine Chain Saw Repair	3
Web Page Design	IS174 Web Tools and Layout	2
Welding Technology I - 1st semester	WE101 Welding Safety WE106 Cutting Processes I WE104 Shield Metal Arc I WE107 Welding Math	1 2 3 3 Total Hours: 9
Welding Technology I - 2nd semester	WE112 Gas Tungs Arc I WE114 Cutting Processes II WE110 Gas Metal Arc I	3 1 3 Total Hours: 7
Welding Technology II - 1st semester	WE204 Core Wire Welding WE111 Gas Metal Arc II WE108 Welding Theory WE105 Shield Metal Arc II	2 2 1 3 Total Hours: 8
Welding Technology II - 2nd semester	WE102 Blueprint Reading I WE207 Robotic Welding WE113 Gas Tungs Arc II WE130 Blueprint Reading II	2 2 2 2 Total Hours: 8
	Total Welding Technology program hours	32

2 classes that offer Wichita State University college credit – (Fees apply for WSU tuition)

Newton HS course	Transfers to WSU as...	Number of credits
Intro to Engineering	IME222 Engineering Graphics	3
Engineering Design & Development	ENGR101 Intro to Engineering	3