

ENDORSEMENT	Career Cluster	Program of Study	CHS	BHS	Level 1	Level 2	Level 3	Level 4	Industry Based Certifications
<b>Business and Industry</b>	<i>Agriculture, Food, &amp; Natural Resources</i>	<b>Applied Ag Engineering</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Ag	Ag Mechanics & Metal Tech*	Ag Equipment & Design Fabrication**	Practicum in Ag	*OSHA-10 General Industry *AWS SENSE Welding Level 1 **AWS D1.1 Structural Steel **AWS D9.1 Sheet Metal
		<b>Animal Science</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Ag	Small Animal Mgt Equine Science	Livestock Production	Adv Animal Science Practicum in Ag*	*Certified Vet Asst. Level 1
		<b>Plant Science</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Ag	Floral Design*	Horticulture Science	Practicum in Ag	*TSFA Floral Skills Knowledge Based Certification *TSFA Level 1 Floral Certification
	<i>Arts, Audio/Video Tech, &amp; Communication</i>	<b>Design &amp; Multimedia</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of AAVTC	Graphic Design & Illustration I	Graphic Design & Illustration II*	Practicum in Graphic Design & Illustration	*Adobe Certified Associate Photoshop *Adobe Certified Associate Illustrator *Adobe Certified Associate Anime
		<b>Digital Communications</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of AAVTC	Audio Video Production I*	Audio Video Production II	Practicum in AV Production**	*Adobe Certified Associate Premiere Pro **Adobe Certified Expert
	<i>Business, Marketing, &amp; Finance</i>	<b>Business Management</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Business, Marketing, & Finance	Business Law Business Information Management I	Global Business	Business Finance & Marketing Practicum	
		<b>Marketing &amp; Sales</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Principles of Business, Marketing, & Finance	Sports & Entertainment Mktg Social Media Mktg Entrepreneurship I	Entrepreneurship II - Incubator	Business Finance & Marketing Practicum	
		<b>Entrepreneurship</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Principles of Business, Marketing, & Finance	Entrepreneurship I	Entrepreneurship II - Incubator	Business Finance & Marketing Practicum	
		<b>Accounting &amp; Finance</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Business, Marketing, & Finance	Accounting I	Accounting II	Business Finance & Marketing Practicum	
	<i>Hospitality &amp; Tourism</i>	<b>Culinary Arts</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Introduction to Culinary Arts*	Culinary Arts**	Advanced Culinary Arts#	Food Science Practicum in Culinary Arts#	*Food Handler Certification **OSHA 10 General/Culinary #ServSafe Manager
		<b>Automotive</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Automotive Basics*	Auto Tech I**	Auto Tech II**	Practicum in Transportation Systems**	*OSHA 10 Automotive **ASE Entry Level Certifications **ASE Professional Level Certifications

ENDORSEMENT		Career Cluster	Program of Study	CHS	BHS	Level 1	Level 2	Level 3	Level 4	Industry Based Certifications
	STEM	Construction	Architectural Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Principles of Architecture*	Architectual Design I**	Architectual Design II#	Practicum in Architectural Design##	*StartSafe/StaySafe
										**AAFCS Interior Design Fundamentals
										#OSHA 10 General/Construction
										##Chief Architect Interior Design Apprentice
		STEM	Engineering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Intro to Engineering Design PLTW*	Engineering Science PLTW**	Engineering Design & Development PLTW	Practicum in STEM	*OSHA 10 General/Construction
										**Autodesk Revit
			Cybersecurity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Principles of Info Tech or Fundamentals of Computer Science	Computer Science I	Networking or AP Computer Science A	Practicum in STEM	
	Programming & Software Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fundamentals of Computer Science	Computer Science I	AP Computer Science A	Practicum in STEM			
	Health Science	Healthcare Diagnostics, Therapeutic, or Medical Therapy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Principles of Health Science	Medical Terminology	Anatomy & Physiology	Practicum in Health Science**	*CPR/First Aid/AED	
							**Clinical Medical Asst			
Health Science Theory*							**OSHA 10 Healthcare			
Public	Service	Education & Training	Teaching & Training	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Principles of Human Services	Human Growth & Development	Instructional Practices	Practicum in Education*	*Educational Aide I
		Human Services	Family & Community Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Principles of Human Services	Human Growth & Development	Family & Community Services	Practicum in Human Services	