

















## ***Career & Technical Education Courses by Career Cluster***

 <p><b>Agriculture, Food &amp; Natural Resources</b></p> <p><b>Principles of AFNR</b> Prof. Standards in Ag Bus./Equine Science (1/2 each) Livestock Production Wildlife, Fisheries &amp; Eco Mgmt Floral Design (also Fine Arts) Adv. Animal Science*(also science) Agricultural Structures Design &amp; Fabrication* Math Apps in AFNR*(also math) Vet Med Apps* Ag. Business Mgmt/Mktg* <u>*May also take Welding Courses*</u></p>	 <p><b>Architecture &amp; Construction</b></p> <p>None currently available</p>	 <p><b>Arts, A/V Technology &amp; Communications</b></p> <p><b>Principles of Arts, A/V Technology &amp; Communications</b> Professional Communications (1/2) Animation* Fashion Design I Fashion Design II* Audio/Video Production I  <u>*If Fashion Design Sequence, also need Fashion Mktg/Social Media Mktg</u> <u>*If A/V Tech Sequence, also need courses from Info Tech Cluster</u></p>	 <p><b>Business Management &amp; Administration</b></p> <p><b>Principles of Bus.Mkt &amp; Finance</b> Touch Systems Data Entry/Human Resources Mgmt (1/2 each) Business English Business Info Management I* Business Info Management II* Virtual Business*/Global Business* (1/2 each)  <u>*May also take courses from EITHER Marketing OR Finance clusters</u></p>
 <p><b>Education &amp; Training</b></p> <p><b>Principles of Education/Training</b> Child Development Instructional Practices* (2)  <u>*May also take intermediate electives from Human Services cluster</u>  <u>*For this pathway, MUST take Principles of Ed/Training AND Instructional Practices</u></p>	 <p><b>Finance</b></p> <p><b>Principles of Bus., Mktg &amp; Finance</b> Money Matters Accounting I Accounting II* Stats &amp; Business Decision-Making* (also Math)  <u>*May also take courses from EITHER Marketing OR Business clusters</u></p>	 <p><b>Government &amp; Public Administration</b></p> <p>None currently available</p>	 <p><b>Health Science</b></p> <p><b>Principles of Health Science</b> Health Science Theory Anatomy &amp; Physiology* (also science) Practicum in Health Science (CNA/Nurse's Aide)*(2) Practicum in Health Science (Pharmacology)*(2) Practicum in Health Science (Med. Coding/Billing)*(2)  <u>*May also take Human Services electives if no practicum</u></p>
 <p><b>Hospitality &amp; Tourism</b></p> <p><b>Principles of Hospitality/Tourism</b> Intro to Culinary** Culinary I (2)** Culinary II (2)**  **Not currently offered...each level will be added over the next few years, with the possibility of an added Food Science course as well</p>	 <p><b>Human Services</b></p> <p><b>Principles of Human Services</b> Child Development Interpersonal Studies (1/2) Lifetime Nutrition &amp; Wellness(1/2) Dollars &amp; Sense (1.2) Child Guidance* (2) Counseling &amp; Mental Health* Dual Credit Cosmetology (SPC)* (2 – both Jr &amp; Sr years)</p>	 <p><b>Information Technology</b></p> <p><b>(Principles of Arts, A/V Tech &amp; Communications)</b> Digital &amp; Interactive Media Web Technologies*  <u>*Take these courses with Arts, A/V Tech &amp; Communications courses</u></p>	 <p><b>Law, Public Safety, Corrections &amp; Security</b></p> <p><b>Principles of Law, Public Safety, Corrections &amp; Security</b> Law Enforcement I Court Systems &amp; Practices* Forensic Science* (also science)  <u>*May also take courses from Human Services cluster</u></p>
 <p><b>Manufacturing</b></p> <p><b>Principles of Manufacturing*</b> Intro to Welding Welding 1* (2) Dual Credit Welding (SPC)* (2 – both Jr &amp; Sr years)  <u>*Recommend starting SPC courses Jr. Year*</u>  <u>*May also take courses from AFNR cluster*</u></p>	 <p><b>Marketing</b></p> <p><b>Principles of Bus., Mktg. &amp; Finance</b> Entrepreneurship Fashion Mktg/Social Media Mktg (1/2 each) Sports &amp; Entertainment Mktg/Advertising (1/2 each) Practicum in Mktg Dynamics &amp; Extended Pract. I Practicum in Mktg Dynamics &amp; Extended Pract II  <u>*May also take courses from EITHER Business OR Finance clusters</u></p>	 <p><b>Science, Technology, Engineering &amp; Math</b></p> <p><b>Principles of Applied Engineering</b> Engineering Design &amp; Presentation I Engineering Design &amp; Problem Solving* (also science) Robotics I Robotics II* Principles of Technology* (also Science – sub for Physics)</p>	 <p><b>Transportation, Distribution &amp; Logistics</b></p> <p>Dual Credit Auto Mechanics (SPC)* (2 – both Jr &amp; Sr years)  <u>Recommend taking first:</u> <u>Princ. BMF &amp; Entrepreneurship OR</u> <u>Princ. AFNR &amp; Aq Structures Design &amp; Fabrication</u></p>

\* Denotes advanced CTE course offerings

\*Career Prep/Extended Career Prep I & Career Prep/Extended Career Prep II can be final course in any cluster