



Completing a CTE Pathway fulfills the Postsecondary-Ready Competencies (Bucket 3) requirement of Graduation Pathways. To fulfill this requirement students must earn at least a C- average in at least 6 high school credits in a career sequence.

KEY: \*Courses offered for dual credit \*\*Multiple courses make up the former beginning-level courses; please sign up for all 3 courses. Ex- Early Childhood Education 1= 7160, 7158, & 7159.

<p><b><u>Business</u></b> GV4562 Prin of Business Manag - 2(Yr 1) GV7143 Manag Fundamentals - 2(Yr 1) GV4524 Accounting Fundamentals -(Yr 1) Dual Credit- Ivy Tech CINS 101, BUSN 105</p>	<p><b><u>Agriculture: Animal Science</u></b> V7117 Principles of Agriculture- 2 (Yr 1) V5008 Animal Science- 2 (Yr 1) V5070 ALS Animals- 2 (Yr 1)  Dual Credit- Ivy Tech AGRI 100, 103, 107</p>	<p><b><u>Agriculture: Landscape Management</u></b> V7117 Principles of Agriculture 2 (Yr 1) V5132 Horticultural Science- 2 (Yr 1) V7115 Landscape &amp; Turf Management- 2 (Yr 1)  Dual Credit- Ivy Tech AGRI 100, 117, 164, 165</p>	<p><b><u>Agriculture: Vet Careers</u></b> V7280 Principles of Vet Science- 2 (Yr 1) V5074 ALS Animals- 2 (Yr 1) 7281 Veterinary Science- 2 (Yr 1) V7282 Veterinary Science Capstone- 2-6 (Yr 3 or 4)  Dual Credit- Ivy Tech AGRI 107 Certification: Elanco Veterinary Medical Applications</p>
<p><b><u>Automotive Collision Repair</u></b> V7215 Princ. of Collision Repair- 2* (Yr 1) V7204 Automotive Body Repair -2* (Yr 1) V7206 Plastic Body Repair &amp; Paint Fundamentals- 2* (Yr 1) V7380 Collision Repair Capstone -6* (Yr. 2)  Dual Credit- Vincennes University BODY 100/100L, BODY 150/150L</p>	<p><b><u>Automotive Services</u></b> V7213 Princ. of Auto Services.- 2* (Yr 1) V7205 Brake Systems- 2* (Yr 1) V7212 Steering &amp; Suspensions- 2* (Yr 1) V7375 Automotive Service Capstone- 6* (Yr 2)  Dual Credit- Ivy Tech AUTI 100, 111, 121, 122, 131, 145 Certification: TC Light Maintenance &amp; Repair</p>	<p><b><u>Information Technology: COMPUTER SCIENCE</u></b>  V7183 Principles of Computing- 2* (Yr 1) V7357 Topics in Computer Science 2* (Yr 1) V7352 Computer Science- 2* (Yr 1)  Dual Credit- Vincennes University COMP 177</p>	<p><b><u>Information Technology: SOFTWARE DEVELOPMENT</u></b>  V7183 Principles of Computing- 2* (Yr 1) V7185 Website and Database Development- 2* (Yr 1) V7184 Software Development- 2* (Yr 1)  Dual Credit- Vincennes University COMP 177</p>
<p><b><u>Digital Design</u></b> V7140 Princ. of Digital Design- 2* (Yr 1) V7141 Digital Design Graphics- 2* (Yr 1) V5550 Graphic Design &amp; Layout-2* (Yr 1)  Dual Credit- Ivy Tech VISC 101, 102, 115</p>	<p><b><u>Radio &amp; Television</u></b> V7139 Principles of Broadcasting-2 (Yr 1) V7306 Audio &amp; Video Production- 2 (Yr 1) V7307 Mass Media Production- 2 (Yr 1)  V7308 Radio &amp; TV Broadcasting Capstone- 6 (Yr 2)</p>	<p><b><u>Criminal Justice</u></b> V7193 Princ. of Criminal Justice- 2* (Yr 1) V7191 Law Enforcement Fund. (Yr 1) V7188 Corrections &amp; Cultural Awareness- 2* (Yr 1) V5824 Criminal Justice Capstone- 6* (Yr 2)  Dual Credit- Ivy Tech CRIM 101, 103, 105, 110, 120, 130, 134, 201</p>	<p><b><u>Fire Science</u></b> V7195 Principles of Fire &amp; Rescue V7189 Fire Fighting Fundamentals V7186 Advanced Fire Fighting  Dual Credit- Ivy Tech HSPS 106, 102</p>
<p><b><u>Health Careers</u></b> V7168 Princ. of Health Care- 2* (Yr 1) V5274 Medical Terminology- 2* (Yr 1) V7164 Certified Clinical Medical Assistant (CCMA)- 2* (Yr 1) V5284 Health Science 2- 6* (Yr 2)  Dual Credit- Ivy Tech HLHS 100, 101, 104, 105, 107, 113  Certifications: CCMA, CNA, Dementia Care,</p>	<p><b><u>Health Science: Biomedical Sciences</u></b> GV5218 Principles of Biomedical Sciences-2 (Yr 1)  Choose 1 of the courses below GV5216 Human Body Systems- 2 GV5276 Anatomy and Physiology-2  GV5217 Medical Interventions- 2</p>	<p><b><u>Precision Machining</u></b> V7109 Princ. of Precision Machining 2*(Yr 1) V7105 Precision Machining Fundamentals-2* (Yr 1) V7107 Adv. Precision Machining- 2* (Yr 1) 7219 Precision Mach. Capstone-6* (Yr 2)  Dual Credit: Vincennes University PMTD 105, 110/110L, 115, 116, 120</p>	<p><b><u>Welding</u></b> V7110 Principles of Welding Tech. 2* (Yr 1) V7111 Shielded Metal Arc Welding 2* (Yr 1) V7101 Gas Welding Processes 2* (Yr 1) V7226 Welding Tech. Capstone 6* (Yr 2)  Dual Credit- Vincennes University WELD 102, 103, 105, 106, 107 Certifications: AWS SENSE, SENSE</p>



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<p>CPR, BLS First Aid, TB</p>			
<p><b><u>Construction Trades: Carpentry</u></b>  <i>V7130 Princ. to Construction Trades- 2* (Yr 1)</i>  <i>V7123 CT: General Carpentry- 2* (Yr 1)</i>  <i>V7122 CT: Framing &amp; Finishing-2* (Yr 1)</i>  <i>V7242 Construct. Trades Capstone- 6 (Yr 2)</i></p> <p>Dual Credit- Vincennes University          CNST 105/105L, 120, 155, 160</p>	<p><b><u>STEM Engineering PLTW</u></b>  <i>V4802 Intro to Engineering Design- (Yr 1)</i>  <i>V5644 Principles of Engineering- 2 (Yr 2)</i>          Choose 1 of the courses below: (Yr 3/4)  <i>V5538 Digital Electronics- 2</i>  <i>V5650 Civil Engineering- 2</i>  <i>V5534 Computer Integrated Manuf.- 2</i></p> <p>Dual Credit- Ivy Tech          DESN 101, 113          Certifications: FUSION 360, Autodesk Certified User, AutoCAD</p>	<p><b><u>Early Childhood Education</u></b>  <i>V7160 Princ. of Early Childhood - 2* (Yr 1)</i>  <i>V7159 Early Child Ed Guidance- 2* (Yr 1)</i>  <i>V7158 Early Child Ed Curriculum- 2* (Yr 1)</i>  <i>V7259 Early Childhood Capstone- 6* (Yr 2)</i></p> <p>Dual Credit- Ivy Tech          ECED 100, 101, 103, 130, 105, 120, 130, 233, 230          Certification: TC Early Childhood Ed, CDA  <b>*NOTE- To Complete TC, students must take College Level Composition.</b></p>	<p><b><u>Education Professions</u></b>  <i>V7161 Principles of Teaching - 2 (Yr 1)</i>  <i>V7157 Child &amp; Adolescent Development - 2 (Yr 1)</i>  <i>V7162 Teaching and Learning - 2 (Yr 1)</i></p> <p>Dual Credit: Ivy Tech          EDUC 101, EDUC 121, EDUC 201</p>
<p><b><u>Family and Consumer Sciences (FACS)</u></b>  <i>V7173 Principles of Culinary - 2 (Yr 1)</i>  <i>V7171 Nutrition - 2 (Yr 1)</i>  <i>V7169 Culinary Arts- 2 (Yr 1)</i></p>	<p><b><u>Other Career Center Opportunities</u></b>  <i>V5974 Work-Based Learning (approval only)- 2/4/6</i>  <i>V7156 Career Center Innovations (Student business) 2</i></p> <p><b><u>Introduction Courses</u></b>  <i>V6520 Intro to Transportation- 1</i>  <i>V4792 Intro to Construction- 1</i>  <i>V4794 Intro to Design Process- 1</i>  <i>V4796 Intro to Trades- 1</i>  <i>V4802 Intro to Engineering Design- 1</i>  <i>V5364 Interpersonal Relationships</i></p>		