





Advanced Manufacturing				
Pathway Area	Principles Course	Concentrator A	Concentrator B	
Precision Machining Vincennes University Year 1	7109 Principles of Precision Machining	7105 Precision Machining Fundamentals	7107 Advanced Precision Machining	Courses in pathway are offered at the Vincennes University Education Training Center, located on Mt. Zion Road in Lebanon.
	11, 12 Courses taken concurrently Student must provide own transportation	DC		
Precision Machining Vincennes University Year 2	7219 Precision Machining Capstone			
	12 Student must provide own transportation	DC		




Agriculture, Food and Natural Resources				
Pathway Area	Principles Course	Concentrator A	Concentrator B	Pathway Capstone
Ag Mechanical and Engineering	7117 Principles of Agriculture	5088 Ag Power, Structures & Technology	7112 Ag Structures, Fabrication & Design	7228 Ag Mechanization and Technology
	9, 10, 11, 12	DC	10, 11, 12	DC
Agriscience- Animals	7117 Principles of Agriculture	5008 Animal Science	5070 Advanced Life Science: Animals	7262 Agricultural Research
	9, 10, 11, 12	DC	9, 10, 11, 12	DC
Agriscience-Foods	7117 Principles of Agriculture	5008 Animal Science	5072 Advanced Life Science: Foods	7262 Agricultural Research
	9, 10, 11, 12	DC	9, 10, 11, 12	DC
Horticulture	7117 Principles of Agriculture	5132 Horticultural Science	7114 Greenhouse and Soilless Production	7232 Horticulture Capstone
	9, 10, 11, 12	DC	9, 10, 11, 12	DC
Precision Agriculture	7117 Principles of Agriculture	7116 Precision Agriculture	7113 Crop Management	7236 Precision Agriculture Capstone
	9, 10, 11, 12	DC	10, 11, 12	12




Architecture and Construction				
Pathway Area	Principles Course	Concentrator A	Concentrator B	
Construction Trades ABC Prep Academy Year 1	7130 Principles of Construction Trades	7123 CT: General Carpentry	7122 CT: Framing & Finishing	Courses in pathway are offered at the ABC Prep Academy site, located on Indianapolis Avenue in Lebanon.
	11, 12 Courses taken concurrently Student must provide own transportation	DC		
Construction Trades ABC Prep Academy Year 2	7242 Construction Trades Capstone	7133 Principles of Plumbing & Pipefitting	7129 Plumbing & Pipefitting Fundamentals	
	12 Courses taken concurrently Student must provide own transportation	DC		


Business Management and Administration, Finance and Marketing				
Pathway Area	Principles Course	Concentrator A	Concentrator B	Pathway Capstone
Accounting	4562 Principles of Business Management	4524 Accounting Fundamentals	4522 Advanced Accounting	7252 Accounting Capstone
	9, 10, 11, 12	DC	10, 11, 12	DC
Finance and Investment	4562 Principles of Business Management	4524 Accounting Fundamentals	5258 Finance and Investment	7265 Finance and Investment Capstone
	9, 10, 11, 12	DC	10, 11, 12	12
Marketing and Sales	4562 Principles of Business Management	5914 Marketing Fundamentals	5918 Strategic Marketing	7201 Business Management Capstone
	9, 10, 11, 12	DC	10, 11, 12	DC

Education & Training				
Pathway Area	Principles Course	Concentrator A	Concentrator B	Pathway Capstone
Education Careers	7161 Principles of Teaching	7157 Child and Adolescent Development	7162 Teaching and Learning	7267 Education Professions Capstone
	9, 10, 11, 12	10, 11, 12 	10, 11, 12 	12 COMING SOON!

Health Sciences				
Pathway Area	Principles Course	Concentrator A	Concentrator B	Work-Based Learning
Pre-Nursing	7168 Principles of Healthcare	5274 Medical Terminology	Course Option Not Available for CTE Concentrator Local Suggestion is course 5276 Anatomy & Physiology	5974 Capstone Work-Based Learning
	9, 10, 11, 12 	10, 11, 12 		12 Double-block, off-site experience

Hospitality and Tourism				
Pathway Area	Principles Course	Concentrator A	Concentrator B	Pathway Capstone
Culinary Arts	7173 Principles of Culinary and Hospitality	7171 Nutrition	7169 Culinary Arts	7233 Culinary Capstone
	9, 10, 11, 12 	10, 11, 12 	11, 12 	12

STEM				
Pathway Area	Principles Course	Concentrator A	Concentrator B	Pathway Capstone
Biotechnology	7340 Principles of Biotechnology	7341 Biotech Manufacturing	7342 Biotech Regulatory Affairs	7344 Biotechnology Capstone
	9, 10, 11, 12	10, 11, 12	10, 11, 12	12 COMING SOON!
Engineering	4802 Introduction to Engineering Design	5644 Principles of Engineering	5650 Civil Engineering and Architecture	5698 Engineering Design & Development
	9, 10, 11, 12 	10, 11, 12 	11, 12 	12

Other CTE Courses			
	Course	Recommended Grade Levels	Additional Information
Electives	5276 Anatomy and Physiology	11, 12	Fulfills science course req. for all diplomas
	5974 Capstone Work-Based Learning: Cadet Teaching	12	Student must provide own transportation
	5974 Capstone Work-Based Learning	12	Student must provide own transportation
	5966 Entrepreneurship & New Ventures 	11, 12	
	4540 Personal Financial Responsibility	11, 12	1 semester course offering



*Icon indicates if a course is offered for dual credit

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