

GJCS Next Level Career Pathways/Programs of Study				Perkins V - Next Level Programs of Study Course Sequences						
Path #	Location	Cluster	Career Pathway (Concentrator)	Introduction Level (not required for pathway)	Principles - Level I (required for pathway)	CTE Concentrator A - Level I (one course required for pathway)	CTE Concentrator B - Level I (one course required for pathway)	Pathway Capstone - Level II (not required for pathway completion)		
1	JHS/VUJ	Advanced Manufacturing	Industrial Automation and Robotics	4796 Introduction to Advanced Manufacturing and Logistics (JHS)	7108 Principles of Advanced Manufacturing (VUJ)	7103 Advanced Manufacturing Technology (VUJ)	7106 Mechatronics Systems (VUJ)	7224 Industrial Automation and Robotics Capstone (VUJ)		
2	JHS/Pike Central	Advanced Manufacturing	Precision Machining	4796 Introduction to Advanced Manufacturing and Logistics (JHS)	7109 Principles of Precision Machining (Pike)	7105 Precision Machining Fundamentals (Pike)	7107 Advanced Precision Machining (Pike)	7219 Precision Machining Capstone (Pike)		
3	JHS/Pike Central	Advanced Manufacturing	Welding Technology	4796 Introduction to Advanced Manufacturing and Logistics (JHS)	7110 Principles of Welding Technology (Pike)	7111 Shielded Metal Arc Welding (Pike)	7101 Gas Welding Processes (Pike)	7226 Welding Technology Capstone (Pike)		
4	Jasper	Agriculture, Food and Natural Resources	Ag Mechanical and Engineering (formerly Ag Power, Structure and Technology Systems)		7117 Principles of Agriculture (JHS)	5088 Agriculture Power, Structures and Technology (JHS)	7112 Agriculture Structures Fabrication and Design (JHS)			
5	Jasper	Agriculture, Food and Natural Resources	Agriscience - Plants or Animals (combined Animal, Plant, and Food Products)		7117 Principles of Agriculture (JHS)	5008 Animal Science - NLPS (JHS)	5070 Advanced Life Science, Animals (L) - NLPS (JHS)			
6	Jasper	Agriculture, Food and Natural Resources	Horticulture		7117 Principles of Agriculture (JHS)	5132 Horticultural Science (JHS)	7114 Greenhouse and Soilless Production (JHS)			
7	Jasper	Agriculture, Food and Natural Resources	Landscaping		7117 Principles of Agriculture (JHS)	5132 Horticultural Science (JHS)	7115 Landscape and Turf Management (JHS)			
8	Jasper	Agriculture, Food and Natural Resources	Natural Resources		7117 Principles of Agriculture (JHS)	5180 Natural Resources (JHS)	7270 Forestry and Wildlife Management (JHS)			
9	JHS/VUJ	Architecture and Construction	Construction Trades - Carpentry	4792 Introduction to Construction (JHS)	7130 Principles of Construction Trades (VUJ)	7123 Construction Trades: General Carpentry (VUJ)	7122 Construction Trades: Framing and Finishing (VUJ)	7242 Construction Trades Capstone (VUJ)		
10	Jasper	Arts, AV Tech and Comm	Radio and Television Broadcasting		7139 Principles of Broadcasting (JHS)	7306 Audio and Video Production Essentials (JHS)	7307 Mass Media Production (JHS)	7308 Radio & TV Broadcasting Capstone		
11	Jasper	Arts, AV Tech and Comm	Digital Design		7140 Principles of Digital Design (JHS)	7141 Digital Design Graphics (JHS)	7138 Interactive Media Design (JHS) 5550 Graphic Design and Layout - NLPS (JHS)	7246 Digital Design Capstone (JHS)		
12	Jasper	Business Management and Administration	Business Administration (formerly E&M Bus Mgmt Focus)		4562 Principles of Business Management (JHS)	5914 Marketing Fundamentals (JHS)	4524 Accounting Fundamentals (JHS)			
13	VUJ	Business Management and Administration	Business Operations and Technology		7153 Principles of Business Operations and Technology (VUJ)	7144 Business Office Communications (VUJ)	7146 Digital Data Applications (VUJ)	7254 Business Operations and Technology Capstone (VUJ)		
14	Jasper	Finance	Accounting		4562 Principles of Business Management (JHS)	4524 Accounting Fundamentals (JHS)	4522 Advanced Accounting (JHS)			
15	Jasper	Marketing	Marketing and Sales		4562 Principles of Business Management (JHS)	5914 Marketing Fundamentals (JHS)	5918 Strategic Marketing (JHS)			
16	Jasper	Education and Training	Education Careers		7161 Principles of Teaching (JHS)	7157 Child and Adolescent Development (JHS)	7162 Teaching and Learning (JHS)	7267 Education Professions Capstone (JHS)		
17	Jasper	Health Sciences	Biomedical Sciences and Technology		5218 Principles of Biomedical Sciences (JHS)	5216 Human Body Systems (JHS) 5276 Anatomy and Physiology (JHS)	5217 Medical Interventions (JHS)			
18	VUJ	Health Sciences	Emergency Medical Services		7168 Principles of Healthcare (VUJ)	5274 Medical Terminology - NLPS (VUJ)	7165 Emergency Medical Tech (VUJ)			
19	VUJ?	Health Sciences	Medical Assistant (New)		7168 Principles of Healthcare (VUJ)	5274 Medical Terminology - NLPS (VUJ)	7164 Certified Clinical Medical Assistant (CCMA) (VUJ?)			
20	VUJ	Health Sciences	Pre-Nursing		7168 Principles of Healthcare (VUJ)	5274 Medical Terminology - NLPS (VUJ)	7166 Healthcare Specialist: C N A (VUJ)			
21	Jasper	Health Sciences	Exercise Science		7320 Principles of Exercise Science (JHS)	7321 Kinesiology (JHS)	7322 Human Performance (2024-2025 Start Year) (JHS)	7323 Physical Therapy Capstone (Future) 7324 Fitness Management Capstone (Future)		
22	Jasper/NED	Hospitality and Tourism	Culinary Arts		7173 Principles of Culinary and Hospitality (JHS)	7171 Nutrition (NED)	7169 Culinary Arts (NED)	7233 Culinary Capstone (NED)		
23	?	Human Services	Cosmetology		7330 Principles of Barbering and Cosmetology	7331 Barbering and Cosmetology Fundamentals	7332 Advanced Cosmetology	7334 Barbering and Cosmetology Capstone		
24	Jasper/VUJ	Human Services	Human and Social Services		7176 Principles of Human Services (JHS)	7174 Understanding Diversity (VUJ)	7177 Relationships and Emotions (VUJ)	7241 Human Services Capstone (VUJ)		
25	JHS/VUJ	Information Tech	Cybersecurity	4803 Introduction to Computer Science (JHS)	7183 Principles of Computing (VUJ)	7179 Cybersecurity Fundamentals (VUJ)	7178 Advanced Cybersecurity (VUJ)	7243 Cybersecurity Capstone (VUJ)		
26	JHS/VUJ?	Information Tech	Information Technology Operations	4803 Introduction to Computer Science (JHS)	7183 Principles of Computing (VUJ)	7180 Information Technology Fundamentals (VUJ)	7181 Networking and Cybersecurity Operations (VUJ)	7249 IT Operations: Cybersecurity Operations Capstone (VUJ) 7245 IT Operations: IT Support Capstone (VUJ)		
27	VUJ	Law, Public Safety, Corrections, and Security	Criminal Justice		7193 Principles of Criminal Justice (VUJ)	7191 Law Enforcement Fundamentals (VUJ)	7188 Corrections and Cultural Awareness (VUJ)	7231 Criminal Justice Capstone (VUJ)		
28	Pike Central	Law, Public Safety, Corrections, and Security	Fire and Rescue		7195 Principles of Fire and Rescue (Pike)	7189 Fire Fighting Fundamentals (Pike)	7186 Advanced Fire Fighting (Pike)	7229 Fire and Rescue Capstone/EMT (Pike)		
29	Jasper	STEM	Engineering		4802 Introduction to Engineering Design (JHS)	5644 Principles of Engineering (JHS)	5538 Digital Electronics (JHS) 5650 Civil Engineering and Architecture (JHS) 5534 Computer Integrated Manufacturing (JHS)			
30	JHS/Southridge	Transportation, Distribution, and Logistics	Automotive Services	4798 Introduction to Transportation (JHS)	7213 Principles of Automotive Services (Southridge)	7205 Brake Systems (Southridge)	7212 Steering and Suspensions (Southridge)	7375 Automotive Service Capstone (Southridge)		
31	JHS/Huntingburg Airport	Transportation, Distribution, and Logistics	Aviation Management (formerly Aviation Flight and Operations)	4798 Introduction to Transportation (JHS)	7214 Principles of Aviation Management (Huntingburg Airport)	7217 Private Pilot Theory (Huntingburg Airport)	7207 Aviation Safety and Operations (Huntingburg Airport)	7218 Aviation Management Capstone (Huntingburg Airport)		
32	?	Transportation, Distribution, and Logistics	Commercial Drivers	4798 Introduction to Transportation (JHS)	7386 Principles of Transportation and Logistics	7387 Commercial Drivers Operations Fundamentals	7388 Advanced Commercial Drivers Operations			