

Kokomo Area Career Center Scheduling for 2023-2024

*Science Credit							
Dual Credits possible							
CLUSTER	PATHWAY	YEAR 1 Students	YEAR 2 Students	YEAR 3 Students MUST have teacher approval to take	NOTES	Requirements	Recommendations
<i>Advanced Manufacturing</i>	Welding Technology	Principles of Welding AND Shielded Metal Arc Welding	Gas Welding Processes AND Welding Tech Capstone	Welding Capstone : 2 periods; school-based or outside placement	Certification possible	First year Seniors periods 7&8 ONLY	
<i>Agriculture, Food & Natural Resources</i>	Precision Agriculture	Principles of Agriculture	Precision Agriculture AND Ag Structures Fabrication & Design	N/A	Year 1 and 2 class can all be taken same year. Would require 3 class periods.	If taking for concentrator pathway MUST take Crop Management AND Ag Power, Structures and Tech 24-25	
	Veterinary Careers	Principles of Veterinarian Science AND Veterinary Science	Advanced Life Science Animals* AND Vet Science Capstone	WBL outside placement	*Science credit	Grade 10,11,12 Students MUST have transportation yr 2 & 3	C or higher in Biology I and Algebra I
<i>Architecture and Construction</i>		Introduction to Construction				Grade 9 and 10 ONLY	
	Construction Trades- Carpentry	Principles of Construction AND Construction Trades: General Carpentry	Framing & Finishing AND Construction Trades Capstone (these will be combined for 3 hour class).	Construction Capstone : 3 periods; outside placement preferred	Certifications possible	Students MUST have transportation for Capstone	
	Construction Trades- Electrical	Principles of Construction AND Electrical Fundamentals	Advanced Electrical AND Electrical Capstone	Electrical Capstone: 2 periods; outside placement	Certifications possible	Grades 10, 11 12 only. Students MUST have transportation for Capstone	C or higher in Algebra I
	Construction Trades-HVAC	Principles of HVAC AND HVAC Fundamentals	HVAC Service AND HVAC Capstone	HVAC Capstone: 2 periods; outside placement	Certifications possible	Grades 10, 11, 12 only. Students MUST have transportation for Capstone	C or higher in Algebra I

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Arts, AV and Communication		Introduction to Communication				Grade 9 and 10 ONLY	
	Digital Design	Principles of Digital Design AND Digital Design Graphics	Interactive Media Design OR Graphic Design and Layout	Digital Design Capstone: 2 periods (will be with Entrepreneurship class)	Can be taken 1 or 2 classes per year. Certification possible	Principles of Design must be taken first year	
	Radio and Television	Principles of Broadcasting AND Audio & Video Production Essentials	Mass Media Production AND Radio & TV Capstone	WBL schoolbased or outside placement			
Business and Marketing	Entrepreneurship (@ KACC)	Principles of Entrepreneurship AND New Venture Development		N/A	Preference for students with previous business classes. Admission based on attendance/credits	Grade 11 or 12 only	
	Kokomo CEO	Principles of Entrepreneurship AND New Venture Development	Small Business Operations AND Business Mgmt Capstone (only applies if student took Entrepreneurship @ KACC jr year)	N/A	Students must complete application. App open Dec 19, 2022-Feb 3, 2023	Students MUST have transportation for CEO. Grade 11 or 12 only	
	Marketing and Sales	Principles of Business Management AND Marketing Fundamentals	Strategic Marketing	Business Mgmt Capstone: 2 periods; outside placement	Business classes can be taken one, two or three classes at a time.	Students MUST have transportation for Capstone. Principles of Bussiness must be taken in first year.	
Health Science		Introduction to Healthcare				Grade 9 or 10 only.	

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	Nursing	Principles of Healthcare AND Medical Terminology	Healthcare Specialist: C.N.A. AND Healthcare Specialist Capstone	WBL (Health Practicum)	Grades 11 & 12. May be attendance &/or grade reqs to continue sem 2. Anatomy* will also be available. C.N.A. License possible	Students MUST have transportation for year 2 and 3. TB test & physical req. Clinical site may require COVID vaccination	
	Medical Assistant	Principles of Healthcare AND Medical Terminology	Certified Clinical Medical Assistant (CCMA) AND Healthcare Specialist Capstone	WBL (Health Practicum) available 2024-2025	Grades 11 & 12. May be attendance &/or grade reqs to continue sem 2. Anatomy* will also be available.	Students MUST have transportation for semester 2. TB test & physical req. Clinical site may require COVID vaccination	
	Exercise Science	Principles of Exercise Science AND Kinesiology	Human Performance AND Physical Therpay Capstone	WBL (Health Practicum) available 2024-2025	Anatomy* will also be available	Grades 10,11,&12. Students MUST have transportation for year 2.	C or higher in Biology
	Dental Careers	Principles of Dental Careers AND Dental Careers Fundamentals	Adv Dental Careers AND Dental Careers Capstone	N/A		Grade 11 and 12 only. Students MUST have transportation for year 2	
	Biomedical Sciences	Principles of Biomedical Science*	Human Body Systems* OR Anatomy & Physiology- preference is HBS	Medical Interventions*	These can be taken one, two or three in a year.	PBS must be taken in the first year.	
<i>Hospitality & Tourism</i>		Introduction to Culinary Arts				Grade 9 and 10 ONLY	
	Culinary Arts	Principles of Culinary AND Food Theory/Nutrition	Culinary Arts AND Culinary Capstone	Culinary Capstone: 2 periods; limited number of school-based placements or outside placement	Certifications possible		

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	Baking and Pastry	Principles of Culinary AND Food Theory/Nutrition	Culinary Arts AND Baking Capstone	Baking Capstone: 2 periods; limited number of school-based placements or outside placement	Certifications possible		
<i>Human Services</i>	Cosmetology	Introduction to Cosmetology			Grade 10 will have priority		
	Cosmetology	Principles of Barbering & Cosmetology AND Barbering & Cosmetology Fundamentals AND Advanced Cosmetology	Cosmetology Capstone	N/A	A 3 period class. Class meets 11:40-4:45 M-Th and 11:45-2:20 Friday. Cosmetology license possible	Grade 11 and 12 only. Costs will be approx \$600. Costs need to be paid prior to Aug 1, 2023	
	Human Services	Principles of Human Service AND Understanding Diversity	Relations & Emotions AND Human Services Capstone	Human Services Capstone: 2 periods; outside placement		Students MUST have transportation for year 2 and 3	
<i>Information Technology</i>	Networking	Principles of Computing AND Information Tech Fundamentals	Networking & Cybersecurity Ops AND IT Support Capstone	N/A	Second year taken at Ivy Tech Kokomo Campus. Certifications possible	Grade 11 or 12 only.	Must meet Ivy Tech <i>program ready</i> requirements
<i>Law, Public Safety, Corrections and Security</i>	Criminal Justice	Principles of Criminal Justice AND Law Enforcement Fundamentals	Corrections & Cultural Awareness AND Criminal Justice Capstone	Criminal Justice Capstone: 2 periods; outside placement	Outside Capstone placement may be difficult to find. Certifications possible	Grade 10, 11 12 only. Students MUST have transportation for Capstone	
<i>STEM</i>	Design Technology-Mechanical	Intro to Engineering Design (IED) and Mechanical & Architectural Design	Manufacturing Principles & Design AND Mechanical Design Capstone	Mechanical Design Capstone: 2 periods	Outside Capstone placement may be difficult to find. Certifications possible		
	Design Technology-Architectural	Intro to Engineering Design (IED) and Mechanical & Architectural Design	BIM Architecture AND Architectural Design Capstone	Architectural Design Capstone: 2 periods	Outside Capstone placement may be difficult to find. Certifications possible		

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	Engineering	Intro to Engineering Design (IED) AND Principles of Engineering (POE)	Digital Electronics (DE)	N/A	Can be taken in one, two or three years. Certifications possible	IED must be taken in first year.	
<i>Transportation</i>	Automotive Services	Principles of Auto Services AND Brake Systems	Steering & Suspensions AND Automotive Service Capstone	Automotive Capstone: 2 periods; outside placement preferred	Certifications possible	Students must provide own tool box & tools (list will be provided). Students MUST have transportation for Capstone	
	Auto Collision Repair	Principles of Collision Repair AND Auto Body Repair	Plastic Body Repair & Painting Fundamentals AND Collision Repair Capstone	Collision Capstone: 2 periods; outside placement preferred	Certifications possible	Students MUST have transportation for Capstone	