CTE COURSE	2025-26 COURSE NAME	CLASS LOCATION	CLASS TIME	EMC ELIGIBLE	CREDENTIALS (PRIMARY)	MICHIGAN MERIT	SENIORS ONLY	COURSE DESCRIPTION
Automotive Technology		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	Automotive Service Excellence Entry-Level Maintenance and Light Repair (MLR), Brakes, Steering and Suspension	4th Related Math 3rd Science Credit One World Language Credit	NO	Engage in hands-on learning in a simulated model of a fully functioning auto service center. To prepare for occupations within the rapidly evolving auto service industry, learn safety, engine repair, automatic transmission and transaxle, manual drive train and axles, suspension and steering, brakes, electrical/electronic systems, heating, ventilation and air conditioning, engine performance, and foundational tasks of auto maintenance and repair.
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Aviation Technology		Air Zoo Flight Discovery Center	8 - 10 AM 11:45 AM - 1:45 PM	YES	FAA Part 107 Unmanned Aircraft	4th Related Math 3rd Science Credit One World Language Credit	NO	Develop an understanding of the aviation industry, including airplane evolution, commercial aviation, flight operations and regulations, weather, airspace, navigation, and more. Interact with industry experts and visit leaders in the field of aviation while cultivating skills with drone technologies.
Computer Programming (Updated Course description)		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	IT Specialist Python Programmer	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Explore real-world scenarios to gain knowledge of professional software creation, design, and deployment. Understand device cross-platform development. Learn User Experience (UX), User Interface (UI), and responsive design while preparing for careers in the computer programming field.
Computer Networking (New title)	*Computer Systems - Networking and Telecommunications*	Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	CompTIA Tech+ CompTia Network+	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Learn to implement and manage high-performance, reliable, and scalable computer networks that connect devices, systems, and users across organizations or even globally. Gain insight into concepts such as performance and reliability, scalability, security, network architecture, network management, collaboration and convergence, standards, and troubleshooting, while preparing for careers in the computer networking field.
Conservation Biology		Nature Center Heronwood Location	8:20 - 9:30 AM 12:05 - 1:15 PM	NO	EPA Watershed Academy Certificate	4th Related Math 3rd Science Credit One World Language Credit	NO	Examine ecological and applied biological science through classroom, lab, and field work outdoors at the Kalamazoo Nature Center. Major units of the class include: biodiversity, forestry, climate change, soil, water, wildlife, and human impacts on the natural world. Interact with natural resource conservationists and wildlife biologists to gain the necessary skills for employment in this field.
Construction Trades		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	Carpenters International Training Fund (CITF) - Level 3 Residential Construction	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Build hands-on skills in the construction industry. Learn hand and power tool use, blueprint reading, design, and basic carpentry skills to support successful careers in residential and commercial construction. This course provides a foundation to pursue a wide variety of construction pathways, including related apprenticeships, residential building, and commercial construction careers.
Criminal Justice & Public Safety		KVCC Texas Township Campus	8:15 - 9:45 AM 11:50 AM - 1:30 PM	YES	National Law Enforcement Certification (LAPSEN)	4th Related Math 3rd Science Credit One World Language Credit	NO	Through a close partnership with local law enforcement agencies and Kalamazoo Valley Community College (KVCC), gain the skills and ethical perspectives needed to become a successful police or fire academy recruit. Develop a foundation for additional careers in criminal justice. Explore topics such as criminal law, patrol procedures, fire ground operations, safety and first aid, ethics, defensive tactics, crime scene investigation, and communication skills.
Culinary Arts		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	ServSafe Manager	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Step into a commercial kitchen setting with hands-on instruction and practical learning. Learn cooking principles, sanitation, food safety, management, and culinary skills. This program prepares students for occupations within the restaurant, baking, and catering industries.

Culinary Arts		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	ServSafe Manager	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Step into a commercial kitchen setting with hands-on instruction and practical learning. Learn cooking principles, sanitation, food safety, management, and culinary skills. This program prepares students for occupations within the restaurant, baking, and catering industries.
Cybersecurity (Updated Course Description)		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	CompTIA Tech+ CompTIA Security+	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Prepare for a future in cybersecurity through hands-on, real-world scenarios. Students will learn to protect operating systems (Windows, Linux, macOS), networks, and data from cyber threats. The course covers essential topics including cryptography, coding, documentation analysis, network integrity and both hardware and software for strengthening cybersecurity. Students will explore cybersecurity careers, examine today's top cyber threats, and work toward industry-recognized certifications such as Tech+ and Security+. This course builds a strong foundation for further study and careers in the cybersecurity field.
Dental Assisting (Dual Enrolled)		KVCC Texas Township Campus	1:00 PM - 3:55 PM M/Th, 1:00 PM - 2:55 PM W	YES	American Heart Association Safety, First Aid and Basic Life Support (BLS), Radiography certification	4th Related Math 3rd Science Credit One World Language Credit	YES	Learn the fundamental knowledge and skills of dental anatomy, physiology, terminology, dental materials, chairside assisting, sterilization, radiology, laboratory, and clinical procedures. This course prepares students to work in a dental office as dental assistants.
Design		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	Student Design Portfolio	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Explore various careers in design, develop creative thinking skills, and understand the design process used by professionals. Create projects across multiple design fields, including: graphic design, fashion accessory design, interior and landscape design, product design, and more. Collaborate in design teams, present and discuss work, and build a professional portfolio to prepare for success in a variety of design careers.
Educator Academy		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	CDA, MiYDA	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Cultivate foundational skills for a successful career in the field of education. Learn the fundamentals of child development, from early childhood through adolescence, and principles of effective teaching through classroom instruction and internships. Work directly with young learners in an educational setting, while preparing for work as a paraprofessional, childcare professionals, or continued education as a teacher.
Educator Academy		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	CDA, MiYDA	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Cultivate foundational skills for a successful career in the field of education. Learn the fundamentals of child development, from early childhood through adolescence, and principles of effective teaching through classroom instruction and internships. Work directly with young learners in an educational setting, while preparing for work as a paraprofessional, childcare professionals, or continued education as a teacher.
Electrical Technology		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	NCCER Level 1	4th Related Math 3rd Science Credit One World Language Credit	NO	Engage in hands-on electrical installations ranging from residential wiring to commercial building projects. To prepare for apprenticeships and residential, commercial, and industrial electrical careers, the course focuses on electrical theory, electrical code, installation, troubleshooting, sustainable energy, and project management.
EMT (Dual Enrolled)		KVCC Bronson Healthy Living Campus		YES	Medical First Responder (MFR) and Basic EMT		YES	Get prepared to work in an out-of-hospital setting as an entry level Emergency Medical Technician. Emphasis is placed on mastery of CPR, simple pharmacology for common medical emergencies, patient assessment, bandaging and splinting, and vehicle extrication. The course introduces the clinical component of EMT education which is the minimum level of training required for work on a transporting ambulance.
Heating Ventilation Air Conditioning		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	NC3 RIDGID Manual & Handheld Pipethreading NC3 RIDGID Power Machine Threading NC3 RIDGID Pressing for HVAC & Plumbing	4th Related Math 3rd Science Credit One World Language Credit	NO	Engage in hands-on layout design, installation, and service of residential and commercial HVAC-R systems. Learn blueprint design and reading, tools and equipment, residential installation, troubleshooting, and project management. This course prepares students for continued learning in related apprenticeships, and careers in residential and commercial sales, service, and maintenance careers.

Heavy Equipment Maintenance		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	NCCER Introduction to Heavy Equipment NCCER Heavy Equipment Operation Safety NCCER Classification of Heavy Equipment	4th Related Math 3rd Science Credit One World Language Credit	NO	Engage in hands-on training in the maintenance, repair, and operation of off-road diesel equipment, in partnership with AIS Construction Equipment. Explore heavy machinery used in construction, trucking, agriculture, and material handling industries. Learn engine systems, hydraulic systems, powertrain systems, electrical systems, and maintenance fundamentals. Work with industry-standard equipment and tools, and gain valuable practical experience and prepare for careers as heavy equipment technicians, diesel mechanics, construction equipment operators, and agricultural equipment mechanics.
Horticulture		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	BASF Plant Science Certification	4th Related Math 3rd Science Credit One World Language Credit	NO	Engage in every aspect of plant production, from crop selection to final sale. Learn plant biology, taxonomy, soil science, and modern production techniques while building a professional portfolio of work. This program prepares students for continued education or employment in the horticulture industry.
Machine Tool and Engineering (New Title & Description)	*Machine Tool*	Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	Titans of CNC Level 1	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Get immersed in machine tool technologies, from basic to advanced. Learn the stages of manufacturing from idea to creation, including: the use of CAD/CAM software, CNC, mills, lathes, and other industry related equipment. Build a solid foundation of skills, including precision machining, problem solving, design, and quality inspection, to prepare for engineering and machining careers.
Mechatronics: Robotics & Automation		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	SACA Level 4.0 Silver, Gold	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Dive deep into the use of robotics for processes that combine mechanical, electrical, computer, and automation technologies. Build a solid foundation of skills including electrical theory, robotics, CAD/CAM, hydraulics/pneumatics, and project management to prepare for machining and engineering careers.
Medical Laboratory Science (Science is not plural)		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	Phlebotomy Technician Certification (CPT)	4th Related Math 3rd Science Credit One World Language Credit	NO	Step into a simulated functioning medical laboratory providing services ranging from basic specimen collection to handling and analysis. To prepare for laboratory assistant roles across various clinical and medical settings, learn healthcare communication and terminology, anatomy/physiology, phlebotomy, infectious disease identification/protocols, and medical records documentation.
Patient Care Technician		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	NHA Certified Patient Care Technician (CPCT)	4th Related Math 3rd Science Credit One World Language Credit	NO	Explore healthcare communication and terminology, anatomy/physiology, clinical skills, and ethics/confidentiality in a simulated clinical setting. Learn skills ranging from basic patient care to phlebotomy and EKG. Get prepared for patient care technician, nursing, and related healthcare careers.
Pharmacy Technician		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	PTCB Certified Pharmacy Technician (CPhT)	4th Related Math, 3rd Science Credit, One World Language Credit	NO	Gain a comprehensive understanding of the roles and responsibilities of pharmacy technicians within the healthcare system. Dive into a range of topics, including pharmacology, medication management and regulations, anatomy/physiology, prescription processing, personal and workplace safety, healthcare communication and terminology, math skills and hands-on learning to be prepared to enter a pharmacy technician or related pharmaceutical research/development career.
Plumbing		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	NC3 RIDGID Diagnostic & Camera Inspection NC3 RIDGID Fundamentals of Drain Cleaning NC3 RIDGID Manual and Handheld Power Threading NC3 RIDGID Power Machine Threading	4th Related Math 3rd Science Credit One World Language Credit	NO	Gain skills in the design, installation, and maintenance of both residential and commercial plumbing systems. Learn blueprint design and interpretation, foundational tools and equipment, plumbing code, project management, and work with fittings, valves, and fixtures. This course prepares students for plumbing apprenticeships, residential and commercial sales, service, and maintenance careers.
Exercise Science & Rehabilitation (New title and description)	*Rehabilitation Therapy*	Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	NASM/Certified Personal Trainer (CPT)	4th Related Math 3rd Science Credit One World Language Credit	NO	Explore a range of therapy fields, from basic physical therapy to occupational therapy, injury prevention, and rehabilitation, in a hands-on environment mimicking a functioning therapy clinic. To prepare for physical therapy, occupational therapy, athletic training, and related sports medicine careers, learn personal and workplace safety, healthcare communication and terminology, anatomy/physiology, injury care assessment/skills, and rehabilitation.

Supply Chain		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	NO	Communication Skills for Business (Certiport)	4th Related Math, 3rd Science Credit, One World Language Credit	NO	Explore the flow of materials from raw material to finished product and delivery to customers. This foundational course introduces key concepts such as global supply chains, warehouse location, contingency planning, and in-sourcing and out-sourcing decisions. Learn how professionals optimize resources and establish physical networks, while gaining real-world experience by operating the Career Connect Campus warehouse.
Veterinary Science		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	Elanco Veterinary Medical Application Certification	4th Related Math 3rd Science Credit One World Language Credit	NO	Strengthen an understanding of animal anatomy, medical terminology, and healthcare. To prepare for veterinary assistant and veterinary technician careers, learn animal care and handling, anatomy/physiology, surgical preparation, pharmacology, and client relations.
Welding		Career Connect Campus	8 - 10 AM 11:45 AM - 1:45 PM	YES	NC3 LEEPStart FCAW, GMAW, SMAW, OFC PAC, CACA	4th Related Math 3rd Science Credit One World Language Credit VPAA	NO	Get immersed in hands-on welding processes using professional equipment, applying various techniques to design and fabricate professional-grade metalwork. Gain expertise in safety, metalworking theory, welding techniques/tools, cutting/torches, automation, and quality inspection.