

HUMAN SERVICES

Are you compassionate, friendly, understanding and cooperative? Do you care about improving the lives of others?

Barbering

Develop skills in hair cutting and facial hair design techniques from master instructors and apply infectious disease control practices. Train to become a licensed professional barber in the state of Michigan.



Cosmetology

Attain the skills and practice the latest techniques in hair cutting and color, facials, styling and sculptured nails from master instructors. Strengthen an understanding in chemistry and apply infectious disease control practices. Train to become a licensed professional cosmetologist in the state of Michigan.



Law Enforcement

Study the skills and ethics necessary to be a successful police or fire recruit in this innovative and hands-on course led by a former officer of the Kalamazoo Department of Public Safety.

Teacher Academy

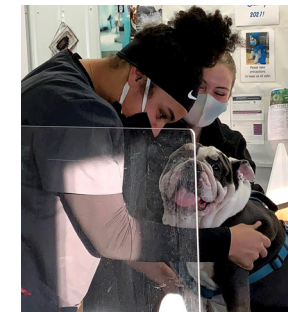
Prepare for a career in education by gaining knowledge of child development and the principles of effective teaching. Gain hands-on classroom experience through an internship.

NATURAL RESOURCES & AGRICULTURE

Do you love nature? Are you curious about the world? Do you care about protecting the environment?

Agriscience: Animals & Plants

Train in biology, animal anatomy, physiology, animal health and reproduction. Study plant classification, cell structure, plant nutrition and soils, as well as plant relationships to people.



Conservation Biology

Examine ecological science, animal and plant studies through classroom and hands-on laboratory learning, job shadowing and field trips.

Horticulture

Learn about plant biology, classification and nutrition, as well as soil and water quality through work in a state-of-the-art greenhouse, school garden and local food forest.



Veterinary Science

Strengthen an understanding in animal anatomy, medical terminology, hematology, health care and parasitology. Participate in an internship with local veterinary clinics during the second semester.

CTE WORK-BASED LEARNING

An experience for 11th and 12th grade students who have successfully completed a trimester or semester of a CTE course, students can earn credit and receive a grade while they learn through a paid, related work experience at an approved employer.



Kalamazoo RESA Career and Technical Education

1819 East Milham Avenue, Portage, MI 49002 | (269) 250-9300 | www.kresa.org/apply



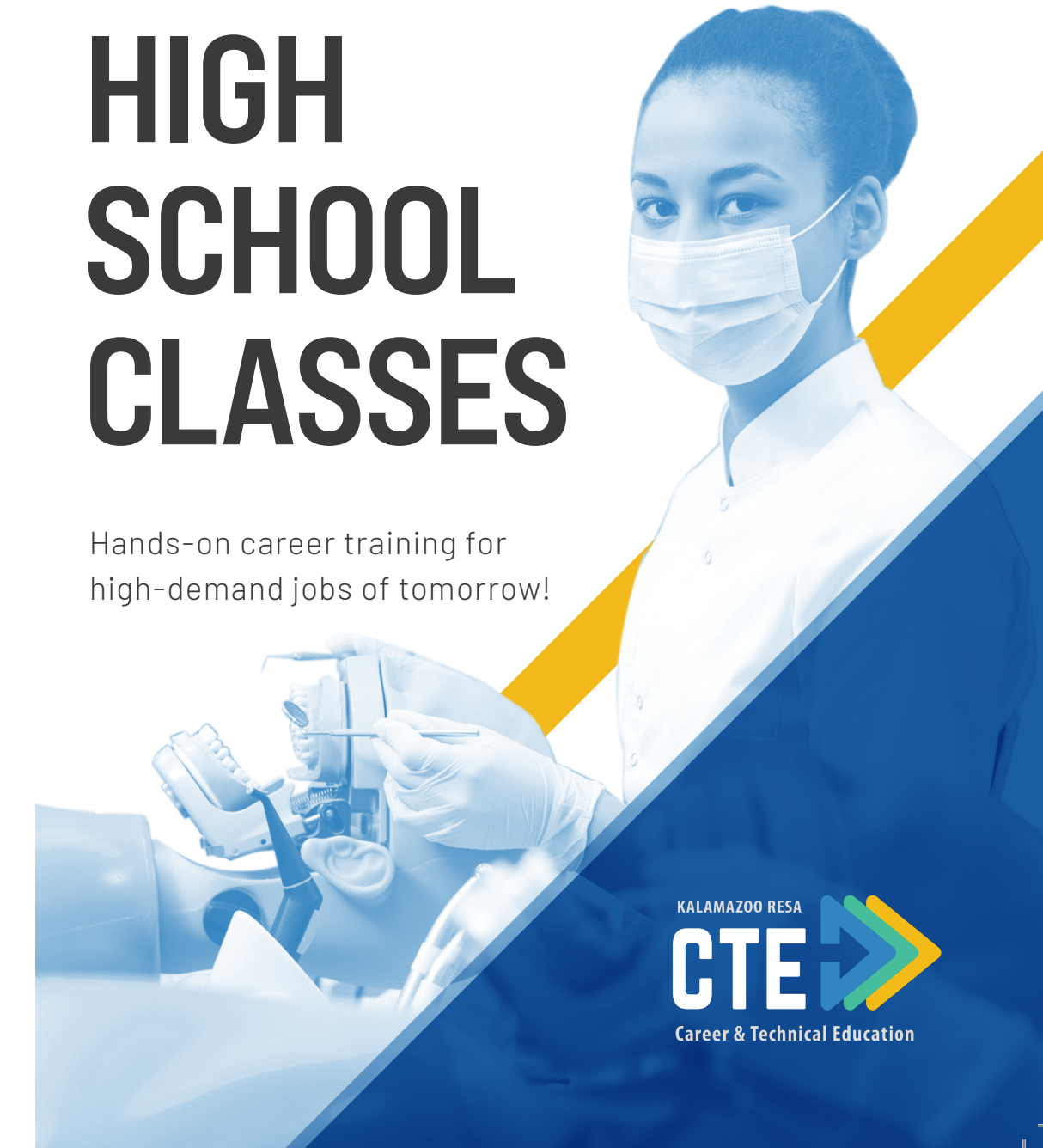
Notice of Non-discrimination: It is the policy of Kalamazoo Regional Educational Service Agency that no discriminating practices based on gender/sex, sexual orientation, race, religion, height, weight, color, age, national origin, disability, genetic information or any other status covered by federal, state or local law be allowed during any program, activity, service or in employment. The following positions at Kalamazoo RESA have been designed to handle inquiries regarding the nondiscrimination policy: Assistant Superintendents, Tom Zahrt and Mindy Miller. Contact information: (269) 250-9200, 1819 E. Milham Ave. Portage, MI 49002. the nondiscrimination policy: Assistant Superintendents, Tom Zahrt and Mindy Miller. Contact information: (269) 250-9200, 1819 E. Milham Ave. Portage, MI 49002.

KALAMAZOO RESA CAREER & TECHNICAL EDUCATION

2022-23

HIGH SCHOOL CLASSES

Hands-on career training for high-demand jobs of tomorrow!



ARTS & COMMUNICATIONS

Are you creative, innovative and original?
Do you like drawing, writing or taking photos?

Art & Design Career Skills

Develop and perfect skills in various media arts, learn to use professional quality art materials, attend trips to art exhibitions and performances.

Media Production

Create media content for the internet, podcasting, television, film and radio. Broaden experience in skills such as video composition and editing, audio production, graphic composition and more. Enter local and national competitions and have your work aired on Public Media Network stations.

“This class has challenged me to be my best self as an artist, go outside my comfort zone and try new things.”

— Mariah Crenshaw
Art & Design Career Skills



Do you enjoy being a leader, organizing people and planning activities? Do you like to work with numbers and ideas?

Accounting & Finance

Investigate the field of accounting, how it is impacted by industry standards as well as economic, technological, social, legal and ethical factors. Engage in the process of recording, classifying, analyzing and communicating financial information.

Banking & Finance

Gain knowledge in customer service, personal finance, budgeting, investment planning and business financial management.

Business Administration

Utilize software applications to complete business projects and share ideas. Learn to solve business problems that occur in the business environment.

AP Computer Science Principles

Cultivate an understanding of computer science by working with data, collaborating to solve problems and developing computer programs. Explore concepts such as creative approaches to data, information and the internet, as well as the global impact of computing.

Computer Science / Software Engineering

Train on industry standard software applicants used by professional developers. Install Linux and Windows operating systems in a virtual environment for testing and installing software. Program drones, robots, and microprocessors using industry standard techniques.

Culinary Arts

Practice the fundamentals of cooking and baking, food safety, food preparation and service, sanitation and equipment operation.

Information Technology

Establish a hands-on foundation covering all areas of IT in the first year. Second-year students dive deeper into areas of your choosing like networking, cybersecurity, servers, Linux, and more.

Marketing & Entrepreneurship

Strengthen an understanding of advertising, sales, merchandising, economics and marketing in the global economy. Practice techniques used by businesses to influence consumers to purchase products and services.

BUSINESS, MANAGEMENT, MARKETING & TECHNOLOGY

ENGINEERING, MANUFACTURING & INDUSTRIAL TECHNOLOGY

Do you enjoy reading diagrams and blueprints, or drawing structures? Are you curious about the way things work?

Electrical Technology

Experience hands-on training in the areas of applied electricity, residential wiring and code, as well as safety and first aid.

Electronics & Robotics

Design and assemble electronics, robotics, equipment controls and sensors, and programming used in electro-mechanical systems.

Engineering in Wood Technology

Design and construct with wood using the basic techniques of woodworking and cabinetmaking through training with laser engraving and 3D printing technology, as well as traditional hand tools.

Heating, Ventilation & Air Conditioning

Examine the areas of heating, ventilation, air conditioning and refrigeration, as well as the design, installation and servicing of these systems.

Mechatronics

Design, build, program and troubleshoot a variety of systems using the principles of mechanics, electronics and computer science. Learn about hydraulics, pneumatics, CAD/CAM, basic machining and computer numerical control (CNC).

Welding

Develop the skills of welding with the most advanced processes available. Gain an understanding of basic operations, cutting and brazing systems and equipment setup.

Automotive Technology

Repair and maintain automotive systems such as engines, electrical systems, steering and suspension, as well as automatic and manual transmissions.

Aviation Technology

Develop a broad understanding of the aviation industry including airplane evolution, commercial aviation, flight operations and regulations, weather, airspace and navigation.

Computerized Manufacturing

Develop the skills to work on mills, lathes, surface grinders and other equipment. Learn to use hand tools, precision measurement instruments such as micrometers and indicators, as well as CNC machines. Blueprint reading, technical math and problem-solving skills are enhanced through a project-based learning approach.

Construction Trades

Remodel and build a new home while exploring the many aspects of the construction industry, including site layout, plumbing, HVAC and safety.

HEALTH SCIENCES

Do you enjoy caring for others?
Are you curious about how the human body works?

Certified Nursing Assistant

Develop skills to care for patients in a thoughtful and compassionate manner. Practice patient care techniques in a simulated lab environment, followed by a clinical rotation at a long-term care facility.

Dental Assisting

Apply aspects of dental anatomy, physiology, terminology, sterilization, radiology and clinical procedures. Participate in an internship with local dental offices during second semester.

Emergency Medical Technology

Attain and practice the skills to make lifesaving interventions and stabilize patients during transport to a medical facility. Complete clinical hours with a local ambulance service and health care agencies.

“This program has given me confidence in myself and my abilities to do stuff I’d never thought I’d do. The instructors here are supportive of their students and are passionate about what they do and will help you every step of the way.”

— Isabella Brown
Dental Assisting

Health Science

Develop an in-depth understanding of human physiology and anatomy, medical terminology, basic care skills and CPR through hands-on practical applications.

Professional Health Science

Train in the areas of phlebotomy, electrocardiography, patient care assistance and sports medicine through hands-on internship opportunities.

