About Career Tech:

VISION

The vision for the Career and Technical Education Program is a vital, progressive, and rigorous part of the total educational system that provides students with life skills and prepares them as a workforce in which business and industry are confident.

MISSION

Our mission is to provide resources and services that ensure students’ success in life and work.

CORE VALUES

● Integrity first.
● Striving for excellence.
● Always professional.
● Loyalty in service.
● Success through teamwork.

GOALS

● Promote the positive image of career/technical education.
● Provide relevant and focused professional development.
● Maintain effective partnerships to promote development of Alabama’s workforce.
● Provide continuous development of rigorous, progressive, and research-based career/technical education curricula.
● Recruit and retain highly qualified career/technical teachers and administrators.
● Increase the academic skills of career/technical education students.
● Exceed minimum requirements of state and federal legislation.
● Improve articulation with post-secondary education.
● Enhance and support the use of technology.
Business Management and Administration

This cluster prepares learners for careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Career opportunities in this cluster are available in every sector of the economy and require specific skills in organization, time management, customer service, and communication. Rigorous instruction is provided to equip learners with knowledge and skills for college and career readiness. Extended learning experiences to enrich and enhance instruction is reinforced through learner participation in career and technical student organizations (DECA and FBLA).

450006    Business Technology Applications
450031    Advanced Business Technology Applications
410016    Multimedia Design
410017    Multimedia Publications

Health Science (Nursing and Sports Medicine)

This cluster program instructional content incorporates project and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Knowledge and skills are reinforced and enhanced through participation in HOSA - Future Health Professionals and work-based learning opportunities that are age and grade appropriate.

Nursing
490007    Foundation of Health Science
490023    Therapeutic Service
490027    Patient Care Technician
490013    Health Science Internship* (teacher approval)

Sports Medicine
490007    Foundation of Health Science
490028    Sport Medicine Fundamentals
490025    Sport Medicine Intermediate
490013    Health Science Internship* (teacher approval)

Hospitality and Tourism

This program begins with the fundamentals and principles of the art of cooking, management and production skills, and techniques. Within this pathway, students can pursue national sanitation certification, industry certification, articulation credit, and scholarships. The courses offered involve a commercial laboratory-based instructional setting and internship hours.

500011    Hospitality & Tourism
500012    Culinary I
500013    Culinary II
500014    Baking & Pastry Arts
Industrial Maintenance

Industrial maintenance is divided into two distinct pathways, electrical and instrumentation and mechanical. Industrial maintenance technicians are needed in every industry that uses machinery, from automotive assembly plants to computer manufacturers. Not only do they repair and maintain electrical instruments and equipment, they also install and dismantle them. Every time a new appliance leaves a factor or a new car rolls off the line, a skilled industrial maintenance technician played a role in producing it. This program utilizes NCCER curriculum and covers topics such as Fasteners and Anchors, Process Mathematics, Pneumatic Controls, Oxyfuel Cutting, Introduction to Piping Components, and Laser Alignment.

Welding

Welding is a highly skilled industry that can take you places all over the world. From ladders to aircraft carriers, from NASCAR to national defense, and from the laboratory to sales and repair, the varied welding industry impacts virtually every industry. Technology is creating more uses for welding in the workplace. For example, new ways are being developed to bond dissimilar materials and non-metallic materials, such as plastics, composites, and new alloys. Also, advances in laser beam and electron beam welding, new fluxes, and other new technologies and techniques all point to an increasing need for highly trained and skilled workers. This program utilizes NCCER’s four-level curriculum covering topics such as Oxyfuel Cutting, Welding Symbols, and Stainless Steel Groove Welds. NCCER’s curriculum also correlates to the AWS standards and guidelines for an Entry Welder.
The Increasing development of HVAC (heating and air conditioning systems) technology causes employers to recognize the importance of continuous education and keeping up to speed with the latest equipment and skills. This program utilizes NCCER's curriculum that has been designed by highly qualified subject matter experts with this in mind. This curriculum is recognized by North American Technician Excellence (NATE) and presents theoretical and practical skills essential to your success as an HVAC installer or technician.

430004 Architecture, Construction, and Manufacturing
432601 NCCER HVAC I
432602 NCCER HVAC II
432603 NCCER HVAC III