

HIGH SCHOOL **Career** **Opportunities**



**THIS IS
WHERE IT
GETS REAL.**

mideastctc.org

College & Career Opportunities



■ **Applied Engineering & Machining**

- Invent, design, and manufacture the high-tech precision parts and tools used worldwide in everyday products
- Program and control machines to generate products from engineering blueprints and specifications
- Use the tools and techniques of advanced machining, Computer-Aided Design (CAD), and Computer-Aided Machining (CAM) technologies

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
College Credit / Paid Internships / Certifications



■ **Auto Body Repair Technology**

- Refinish vehicle surfaces using modern welding, sanding, masking, painting, and airbrushing techniques
- Customize the body of vehicles by applying professional methods and creative refinishing
- Operate the same advanced collision repair and painting equipment as automotive professionals

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
Certifications / Paid Internships / College Credit



■ **Auto Technology**

- Work on domestic, foreign, and hybrid cars, trucks, motorcycles, and ATVs in a high-tech precision industry
- Use the same technology and tools as master technicians to analyze, diagnose, and repair advanced automotive systems
- Maintain, repair, and fine-tune vehicles alongside a master technician in a full-service automotive center

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
Certifications / Paid Internships / College Credit



■ **Building Maintenance**

- Provide maintenance and repair, lawn care, carpet cleaning, and floor refinishing in commercial settings
- Work hands-on in a variety of local businesses to develop employability, problem-solving, and life skills
- Deliver excellent customer service, independently and in teams, while developing critical professional skills in the mechanical repair field

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
Certifications / Job Shadowing / National Competitions



■ **Business Employability Skills Training (BEST)**

- Enhance your abilities in business, hospitality, and customer service
- Work hands-on in a variety of local businesses to develop employability, problem-solving, and life skills
- Mentor with industry professionals to assist in a variety of key support roles

CAREER FOCUS: Prepared for immediate employment and further education
Job Shadowing / Certifications / National Competitions

**Be College
and Career
Ready!**

*Work individually and
in teams to develop the
expertise, confidence,
and skills for today's
top careers.*



Career Connections (Sophomores Only)

- Explore a wide range of hands-on career-technical programs in lab settings
- Create and implement a dynamic career plan
- Experience opportunities that will maximize employability, problem-solving, and success

CAREER FOCUS: Prepared for program placement and further education

Program Placement / Job Shadowing / National Competitions



Carpentry

- Operate professional power tools and equipment to build a wide range of hands-on construction projects
- Work in all aspects of contracting, including estimating, framing, roofing, and interior finishing
- Interpret blueprints and construct residential and commercial structures from the ground up

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Paid Internships / Certifications / College Credit

Get Connected!

Meet students who have similar goals, interests, and talents in a friendly and supportive environment.



Computer Networking/Electronic Technology (CNET)

- Build, customize, and repair all types of electronics, advanced computers, 3D printers, and related hardware
- Design, install, troubleshoot, and repair complex network systems
- Turn ideas into products using the same design and technology as professionals in the field

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

College Credit / Certifications / National Competitions



Construction Technologies

- Work in all aspects of construction, including framing, roofing, plumbing, wiring, masonry, and finishing
- Operate a wide range of professional tools used for demolition, preparation, and construction
- Apply advanced principles of job, labor, and material estimation using blueprint evaluation to complete projects

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Paid Internships / Certifications / College Credit



Cosmetology

- Express individual creativity by providing a wide range of artistic hair, nail, and skincare services using the latest technology, trends, and name-brand products
- Work alongside professional cosmetologists to explore all aspects of quality salon services and management
- Operate and manage a full-service, interactive salon and spa environment

CAREER FOCUS: Prepared for state licensure, immediate employment, advanced certifications, and further education

Certifications / College Credit / National Competitions



Criminal Justice

- Perform law enforcement operations, such as crime scene investigation, suspect interrogation, counter-terrorism, threat assessment, and the safe use of firearms
- Strengthen your mind and body through rigorous mental and physical training, including advanced self-defense tactics
- Examine the critical roles of dispatch, corrections, rehabilitation, and probation in the criminal justice system

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

College Credit / Certifications / Job Shadowing



Cyber Security & Computer Technology

- Perform advanced cyber security techniques in the areas of intrusion detection, malicious content filtering, and disaster recovery
- Work as an IT specialist to design, install, and troubleshoot computers, network systems, 3D printers, and drones
- Configure, install, and manage data networks, servers, firewalls, remote access, and wireless technologies

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
Certifications / Paid Internships / College Credit



Dental Assisting

- Perform digital x-rays and chair-side assistance, and explore dental specialties using the latest tools and techniques
- Deliver high-quality patient care through advanced clinical experiences in dental offices
- Develop a passion to educate adults and children on the importance of oral health and hygiene

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
Certifications/College Credit / Job Shadowing / Paid Internships



Diesel Technology

- Troubleshoot, repair, and overhaul internal combustion systems using the same advanced computer diagnostic equipment as master technicians
- Help equipment owners stay productive by delivering quality customer service and valuable repair solutions
- Analyze and repair complex electric, hydraulic, air brake, and diesel systems for a variety of heavy equipment

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
Paid Internships / Certifications / College Credit



Digital Media

- Use professional broadcast equipment in a modern studio to shoot and produce commercials, videos, and live programs
- Work on projects, including image and video editing, films, documentaries, special effects, animations, and videos for clients and local businesses
- Create, produce, and broadcast daily live shows for campus audiences

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
College Credit / Certifications / Job Shadowing



Early Childhood Education

- Influence the future of children who are full of life and love learning
- Create dynamic and engaging activities to positively shape each child's intellectual, social, emotional, and physical development
- Operate a Five-Star preschool program that prepares children for kindergarten

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education
College Credit / Certifications / Paid Internships

Save Money!

- Take advantage of tuition-free career education while in high school compared to paying thousands after graduation.



■ **Electrical Technologies**

- Harness electricity to power the world
- Power up a wide range of structures by using blueprints to install residential and commercial wiring according to code and industry standards
- Design, stage, and install commercial and residential electrical wiring for power control systems

CAREER FOCUS: Prepared for apprenticeship, immediate employment, advanced certifications, and further education

College Credit / Certifications / Paid Internships



■ **Exercise Science & Sports Medicine**

- Create customized exercise and therapeutic plans to help athletes achieve superior performance and lifelong wellness while engaged in real-world field experiences
- Work with medical professionals to diagnose, prevent, and rehabilitate injuries using advanced techniques and exercise equipment
- Coach and motivate clients, athletes, and patients to assist with injury prevention and rehabilitation

CAREER FOCUS: Prepared for state licensure, immediate employment, advanced certifications, and further education

College Credit / Certifications / Work-Based Experiences

Get Ahead!

Earn critical business and industry certifications, required licenses, and college credits.



■ **Graphic Art & Design**

- Creatively use computers, photography, wide-format printers, and other digital media
- Design dynamic illustrations, logos, and advertisements for local customers, and gain real-world experience
- Showcase your creative abilities both individually and in a team environment

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

College Credit / Certifications / Paid Internships



■ **Heating, Air Conditioning & Refrigeration**

- Torch, braze, and solder pipes and fittings to install and repair compressors, condensers, chillers, and pumps
- Design, fabricate, install, maintain, and troubleshoot heating, air conditioning, and refrigeration systems in residential and commercial buildings
- Use advanced energy-efficient technologies and equipment in response to increasing energy demands

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Paid Internships / Certifications / College Credit



■ **Large Animal Science & Agriculture**

- Manage a working farm as part of a team that provides care and nutrition for a variety of animals
- Explore a wide variety of experiences related to agriculture, animal science, and veterinary medicine in a real-world lab
- Use advanced technology, equipment, and farm management strategies to maintain sustainable land use with superior farm-to-table products

CAREER FOCUS: Prepared for advanced certifications, immediate employment, and further education

Certifications / Job Shadowing/Leadership Roles / Paid Internships



■ **Multi-Skilled Health Technologies**

- Work alongside medical professionals during clinical rotations in hospital and acute-care facilities to enhance the quality of patients' lives
- Emphasis on medical/lab procedures, phlebotomy, medical terminology, anatomy, pharmacology, and infection control
- Improve the well-being of others using professional medical equipment, technology, and techniques

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Clinicals/Certifications / Paid Internships / College Credit



■ **Natural Resource Conservation**

- Investigate the dynamics of natural resources on the 70-acre land lab with ponds, woodlands, and greenhouse
- Explore fish and wildlife management, agriculture, taxidermy, horticulture, soil conservation, and heavy equipment operation and maintenance
- Step into leadership by participating in exciting FFA activities and competitions

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Certifications / Paid Internships / College Credit



■ **Power Line Technician**

- Experience the thrill of utility pole and tower climbing in modern indoor and outdoor climbing facilities
- Assess, diagnose, and upgrade the wires and cables that link electric power and cable television to customers' homes and businesses
- Master power line maintenance, pole installation, and the operation of bucket and digger trucks

CAREER FOCUS: Prepared for apprenticeship completion, immediate employment, advanced certifications, and further education

Apprenticeships / Certifications / National Competitions



■ **Practical Nurse**

- Experience the joy and fulfillment of providing quality patient care in a variety of local healthcare environments
- Perform detailed medical and trauma-patient assessments using advanced medical and diagnostic equipment
- Focus on medical procedures, medical terminology, anatomy, physiology, pharmacology, phlebotomy, infection control, and intravenous therapy

CAREER FOCUS: Prepared for state licensure, immediate employment, advanced certifications, and further education

Clinicals/Certifications / College Credit / National Competitions



■ **Restaurant & Food Service Operations**

- Craft amazing and fun foods using flames, knives, and creative chemistry
- Be a key part of the team that plans, prepares, and manages unique dining experiences in an on-campus restaurant
- Express creativity by designing menus, preparing meals, organizing catered events, and baking customized pastries

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Certifications / College Credit / Job Shadowing

Fund Your Future!

Use your career-tech experience to earn an above-average wage, pay for advanced training, and make money for college.



■ **Robotics, Automation & Design**

- Invent, design, build, and program humanoid, industrial, and competitive robots that solve a wide range of problems
- Use advanced computer-controlled technology to produce solutions for complex engineering challenges from concept to completion
- Visualize and construct 3D models and prototypes based on the needs of local clients and industry leaders

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Certifications / College Credit / Paid Internships



■ **Vet Assisting & Animal Care**

- Manage an on-site veterinary assistant clinic to care for animals as part of a team
- Explore veterinary science, including animal control, care, grooming, clinical procedures, terminology, and disease prevention
- Network with community and regional zoos, shelters, and wildlife agencies

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

College Credit / Certifications / Paid Internships



■ **(WAGES) Work and Gain Education Successfully**

- Earn income and academic credits while working toward graduation
- Build valuable community connections and professional skills working half the day in local businesses
- Develop a career plan based on your goals

CAREER FOCUS: Prepared for immediate employment and further education

Career Planning / Paid Internships / National Competitions



■ **Welding Technology**

- Use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate metal for industrial or artistic applications
- Utilize a wide range of welding processes to earn essential industry-recognized certifications
- Design and construct metal products used every day

CAREER FOCUS: Prepared for immediate employment, advanced certifications, and further education

Paid Internships / Certifications / College Credit

Succeed!

- Capitalize on your talents and abilities
- by forming a career pathway based on your unique interests.



For more information about Mid-East CTC, including program locations, Adult Education programs, and our Mid-East Preschool, visit our website at mideastctc.org.

MID-EAST CTC: MAKE IT REAL.

At Mid-East CTC, we believe every student deserves the chance to make their education a real-world experience. By integrating strong academics with robust career-minded education, our students expand their options and opportunities to succeed in today's global economy. Together with parents, business leaders, and the community, we challenge all students to imagine the possibilities, achieve a competitive advantage, and excel beyond the classroom.



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