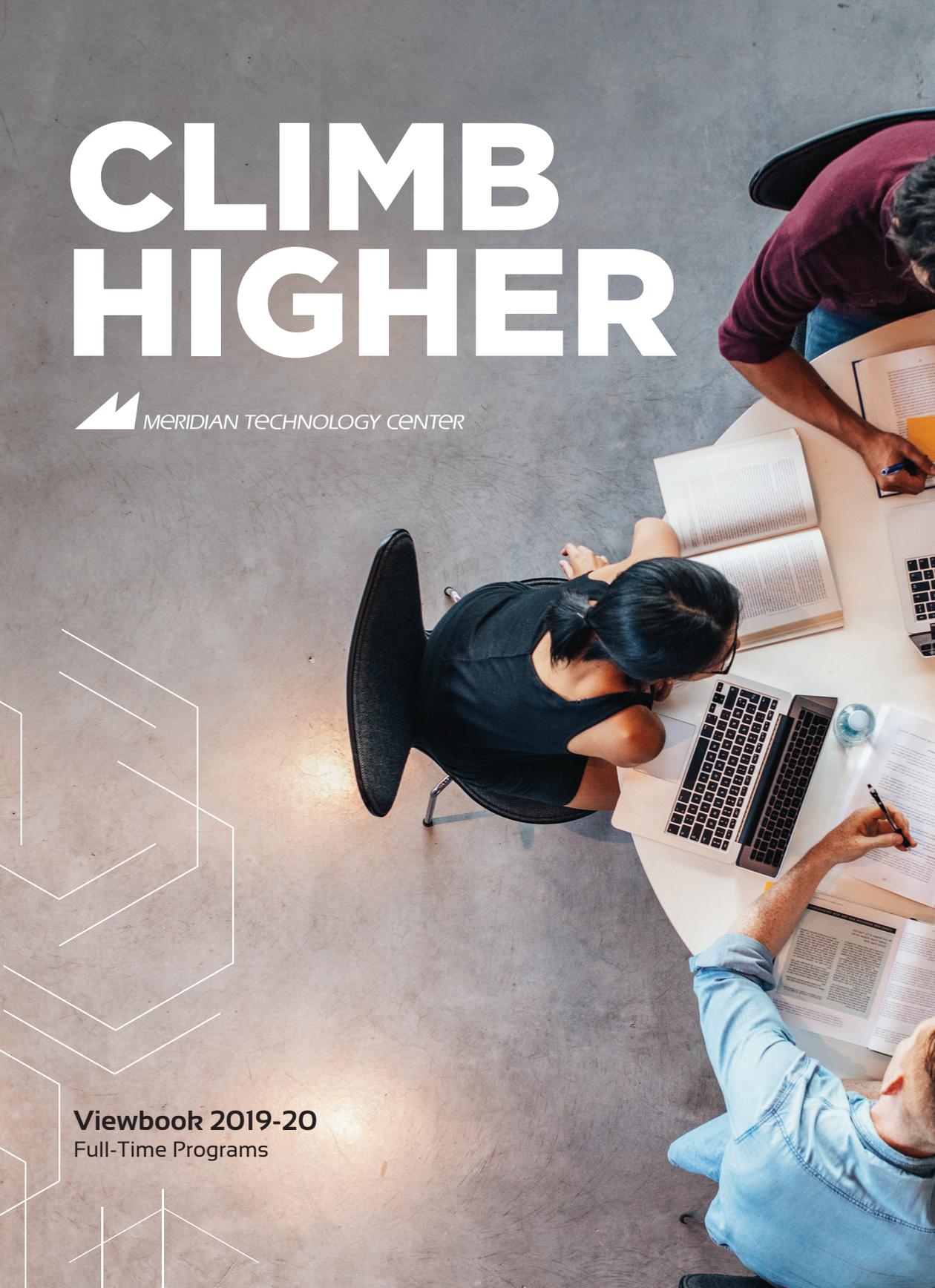


CLIMB HIGHER



MERIDIAN TECHNOLOGY CENTER

Viewbook 2019-20
Full-Time Programs





EXPLORE YOUR INTERESTS

Competitive Advantage

Right now you may not know exactly what your next steps are. Will you choose college? Or will you choose a career? No matter what you choose, coming to Tech gives you a competitive advantage. Each of our programs includes a blend of theory and hands-on application. This means you'll know what you need to do and actually how to do it! Wherever you're headed in life, your journey begins here!

Why Meridian

- Tuition-free for district high school students
- Small classes
- Hands-on learning
- Free transportation for district high school students
- Leadership opportunities
- Many self-paced classes

WHAT'S YOUR FOCUS

Computer Driven	4-5
Building & Design.....	6-7
Power Up	8-9
Scientifically Sound	10-11
Gear Up	12-13
Medically Minded.....	14-15
Creating Flavor.....	16-17
Bringing Out Beauty.....	18-19
Metal Works.....	20-21



These programs offer a one-and two-year option for high school students.

- Air Conditioning and Refrigeration
- Automotive Technology
- Carpentry
- Collision Repair Technology
- Culinary Arts
- Digital Media
- Electrical Technology
- Energy and Power
- Facilities Management (1 year only)
- Health Careers
- Information Support and Networking Systems
- Masonry
- Pharmacy Tech (1 year only)
- Precision Metal Fabrication
- Product Development and Machining
- Welding

COMPUTER DRIVEN



BUSINESS, MANAGEMENT & ADMINISTRATION

Business Technology

The Business Technology program provides students with beginner and advanced training on how to perform a wide range of office tasks for a career as an administrative assistant, accounting assistant, entrepreneur and social media specialist. Students gain an understanding of financial management as it relates to professional and personal decisions including creating and managing a budget, making and managing investments, purchasing property and managing online banking. The entrepreneur track features an online virtual business management simulation where students recruit, hire and supervise employees, and compete for their market share with other virtual businesses within the classroom. Students in the social media specialist program will learn, develop, promote, deliver and present marketing strategies for the top social media platforms. Employability skills and skills needed for independent financial living are cornerstones of this program.

INFORMATION TECHNOLOGY

Digital Media

To get in touch with your creative side, explore Digital Media. In this area you'll create text, graphics, audio and videos. Students have the chance to develop their technical skills in graphic design, web design, animation and digital video production.

Information Support and Networking Systems

If you're interested in delving deeper into the world of information technology, this program provides the foundation needed for a career in IT. Students who choose this career pathway can specialize in designing, installing and troubleshooting networking systems or in configuring software and security systems for enhancing cyber security. Students can also put their investigative skills to work as a digital detective with a focus on the cybercrime specialist track.



BUILDING AND DESIGN

ARCHITECTURE & CONSTRUCTION

Air Conditioning and Refrigeration

Interested in a cool career? This program specializes in the design and installation of home and business heating and cooling systems. Students will learn how to diagnose, service and repair a wide range of air handling and refrigeration equipment. Students are also introduced to energy-saving technologies that can help the environment and a client's budget.

Carpentry

Whether you're focused on beginning from scratch or remodeling and renovating, the skills learned in the Carpentry program lend themselves to building an ideal career. After learning how to operate a wide range of power and air tools used in the trade, students will sharpen their skill sets on a variety of construction projects.

Computer Aided Drafting

The architectural arm of Computer Aided Drafting is the blueprint to everything. Using industry-standard 3D modeling software, designers create drafting and modeling projects that highlight front, side and aerial views. The mechanical component of CAD challenges students to think outside the box and encourages them to imagine, design and develop prototype components and products.

Electrical Technology

Students in this program experience the rough in to finish stages of wiring a building as they design, install and test commercial, residential and industrial electrical control systems. Students master how to safely and efficiently install electrical fixtures according to blueprints and schematics. Students gain industry experience wiring houses with Stillwater Habitat for Humanity.

Facilities Management

If you consider yourself a jack of all trades and good with your hands, this program might be perfect for you. Covering just about everything from the sinks to the swimming pools, in just one short year you'll learn the basic skills that are required for the day-to-day maintenance and operation of a commercial property.

Masonry

Masonry is more than bricks and mortar. It's creativity, innovation and design on a supersized scale. Students will learn the basics of masonry while working on residential and commercial construction projects in addition to creating landscape and outdoor living spaces that include fireplaces and outdoor kitchen ovens.

POWER UP



“Graduate with the skills you need to get a high-paying job.”

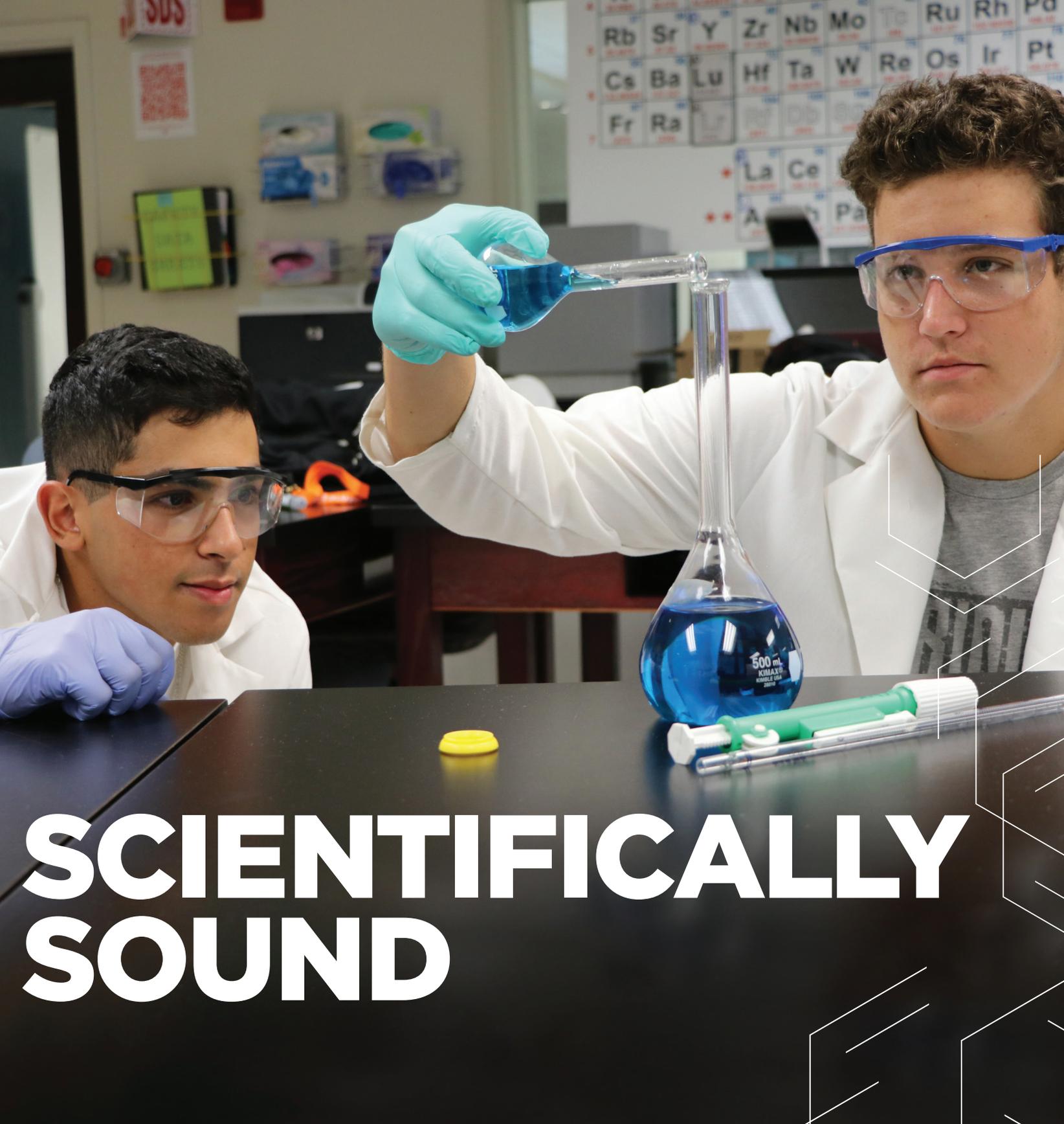
- Enoch Munoz, Stillwater | Energy and Power

ENERGY AND POWER

Energy and Power

Learn about Energy and Power through hands-on projects to understand the interplay of the generation, distribution and the use of energy. Students will learn how to design and construct motors, pumps, heat exchangers, hydraulics and pipeline systems. Work with renewable and non-renewable energy generation, transformers and the electrical grid to understand how energy travels along power lines. Five types of energy will be explored – mechanical, heat, chemical, electromagnetic and nuclear power. Students will also learn about automation by programming and managing robotics.





SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Biomedical Sciences - STEM Academy

In this program you'll put your critical thinking skills to the test! Whether you're investigating a potential crime scene, offering medical advice to a fictitious family, monitoring muscle movement or evaluating cancer treatment options, this program brings science to life through human medicine, physiology, genetics, microbiology and public health. Students in this program will work collaboratively to understand the most pressing health challenges of today and the future. This program is open to sophomores. Students can earn academic credit from their high school in the following courses:

- AP Chemistry
- AP Environmental Science
- AP Computer Science Principles
- AP Calculus AB and BC
- AP Statistics
- Microbiology

Pre-Engineering - STEM Academy

Push the limits of your imagination in the Pre-Engineering Academy! If you loved Erector Sets and Tinker Toys as a kid this program is a perfect fit for your creative mind. Using science, technology, engineering and math (STEM), students in this program explore chemical, civil, mechanical and aerospace engineering. From building robots to airplanes, collaboration is key and students will often find themselves working with other programs to create new products and improve on the world around them. This program is open to sophomores. Students can earn academic credit from their high school in the following courses:

- AP Calculus AB and BC
- AP Physics 1
- AP Statistics
- AP Environmental Science

SCIENTIFICALLY SOUND



GEAR UP

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Automotive Technology

Interested in learning about automobiles from the inside out? The Automotive Technology program highlights the skills needed to successfully service and repair a wide range of vehicles. As soon as you step into this area's expansive lab space – a fully functioning service center – you'll quickly see how technology is key. Whether you focus on automotive maintenance and light repair or automotive service, you'll use the same advanced diagnostic equipment as ASE-certified technicians. Go ahead and put your career in drive!

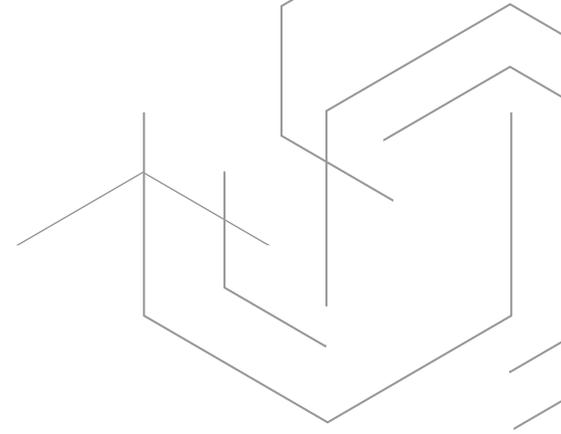
Collision Repair Technology

There's more to the automotive industry than what makes a motor run. The Collision Repair Technology program focuses on ensuring exceptional exteriors. From learning how to provide proper repair estimates to gaining the skills to get the job done, students in this program become familiar with the ins and outs of the repair industry. The skills taught in this program can be applied to automobiles, boats, motorcycles and power sports equipment.





MEDICALLY MINDED



HEALTH SCIENCE

Health Careers

If you know you want a career in the medical profession the Health Careers program is the perfect place to explore your options. From learning the basics of patient care to knowing how to use advanced medical and diagnostic equipment, this program provides an overview of a wide variety of medical programs. In this training program, you'll get to work alongside and support medical professionals in a variety of clinical settings while providing quality patient care.

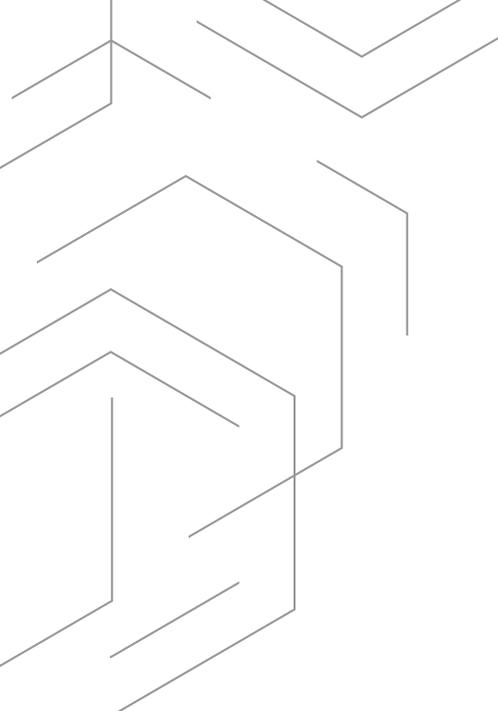
Pharmacy Technician

Find your prescription for success in the Pharmacy Technician program. You'll develop an understanding of the names, appropriate uses and potential side effects of commonly prescribed medication. In addition to studying in a simulated pharmacy where you will learn how to manage, dispense and compound prescription medicines, you'll also learn how to fill prescriptions using advanced robotic equipment often found in high-tech pharmacies. Due to industry requirements, this program is limited to high school seniors and adults.





CREATING FLAVOR



HOSPITALITY AND TOURISM

Culinary Arts

Awaken your taste buds in the Culinary Arts program at Meridian. Students work with professionally trained chefs to learn food preparation and management techniques that can be applied in large or small restaurants and catering companies. Focusing on preparing entrées, salads, bakery items and quick service specialties, students assist in the operation of two on-campus dining facilities. Foodies will also have the opportunity to prepare and serve meals for casual dining and upscale catering events.





BRINGING OUT BEAUTY

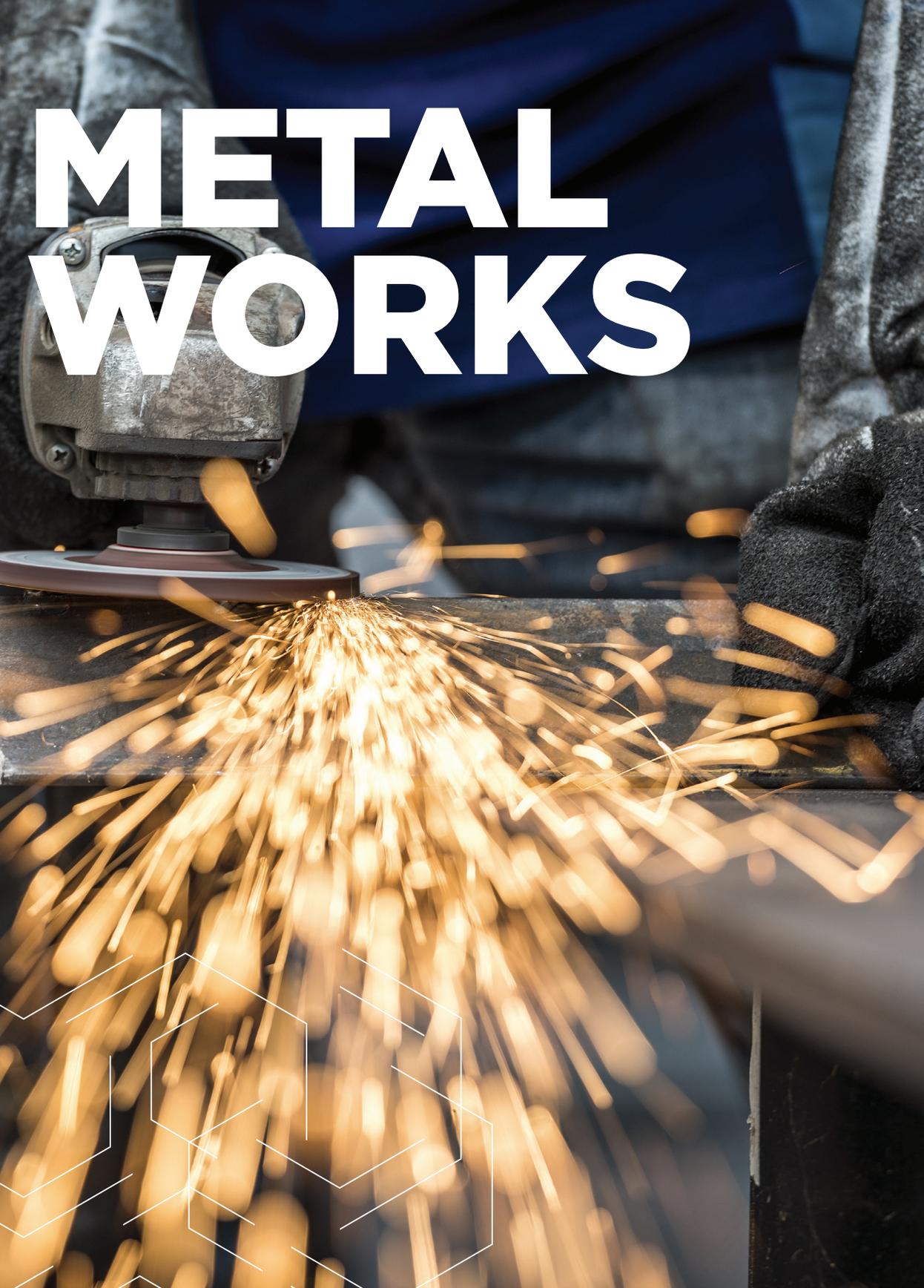


HUMAN SERVICES

Cosmetology

From learning anatomy and physiology to understanding angles and chemical compounds, the Cosmetology program is equal part academics and creative expression. Following time in the classroom gaining foundational skills for hair, skin and nails, students get hands-on experience in Meridian's full-service salon. Upon completion of the program, students are prepared to take the Oklahoma State Board of Cosmetology licensing exam.





METAL WORKS

“Earn industry certifications that you can’t get from high school.”

- Ethan Petree, Morrison | Precision Metal Fabrication

MANUFACTURING

Precision Metal Fabrication

Bend it, but don’t break it. That could be the unofficial motto of the Precision Metal Fabrication program at Tech. This program specializes in advanced welding processes that are used to join, cut, bend, drill, punch and manipulate a variety of metal types. Using elements of traditional welding and fabrication techniques, students design and lay out patterns, interpret blueprints and meticulously follow engineering specifications to complete projects.

Product Development and Machining

Machining is on the rise across the state. The Product Development and Machining program drills down to the foundation of both manual and computer numeric controlled (CNC) machining. Using blueprints and custom schematics, students have the freedom to create, design and manufacture the tools and components for a wide variety of production needs. Students learn to work with a variety of materials – steel, aluminum, plastic and more. It’s all in the details for this program.

Welding

Sparks are frequently flying in the Welding program at Meridian. On any given day, students are applying one of the numerous welding techniques to join, cut or manipulate metal. Whether you’re interested in working for a big company or running your own rig, you’ll learn a variety of welding techniques that will prepare you to handle jobs big and small. This career has been hot since we opened our doors!



ENROLLMENT

HIGH SCHOOL IS THE TIME THAT YOU'RE ABLE TO EXPLORE YOUR INTERESTS WHILE TAKING CLASSES IN A SUBJECT YOU ENJOY.

When you enroll in a career major at Meridian Technology Center, you're taking the next step to figure out who you are, what you like and where you want to be.

- Career training at Meridian combines understanding the theoretical framework with experiencing the hands-on skill application.
- Work with instructors who are experts in their field to gain the skills needed for industry employment or advanced educational opportunities.
- Course content is shaped by the input of business and education councils that are comprised of industry representatives.

OUR PROGRAMS

Most students attend as juniors or seniors. When space is available, sophomores can enroll for afternoon programs. Depending on their high school, students can earn 3 or 4 credits per year. Some of these credits count as electives, some count as academic credits. The Meridian STEM Academy, including pre-engineering and biomedical sciences, is open to sophomores, juniors and seniors. Students attend either a morning or afternoon session. High school students living in the Meridian Technology Center district attend at no cost and should visit with their counselor about applying.

SEEING IS BELIEVING AT MERIDIAN!

We've seen the light come on for students when they realize that coming to Tech gives them a hands-on way to apply much of what they've learned in high school. We have several opportunities throughout the year to share what we do with you.

November and December: Meridian Counselors visit with high school students to talk to them about Tech. Students will learn about the programs Meridian offers and upcoming opportunities to visit campus.

January: District sophomores tour campus during the school day for Meridian's Sophomore Showcase. Students and their parents are invited back for an evening Open House that is held later in the month. During the Open House, teachers and current students will be in the classroom to talk to students about the program, share projects they've worked on and answer any questions students or parents have about the program or coming to Tech.

February: Priority enrollment is February 3. Applications will be accepted after this date as long as space is available. Throughout February and March, Meridian's Career Counselors will meet with students to interview them about their interest in attending Tech, why they want to be in a particular program and their career goals.

March: Student interviews continue. Admissions decisions are made and letters are sent to students. Students will find out if they have been accepted into a program.

April: Students and their families complete the final step of their enrollment at Tech during Meridian's Signing Day event. Students will be asked to sign a letter of intent regarding their acceptance into a program at Tech.

POWERED BY
careertech



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Information regarding student expenses, job placement rate and more can be found at meridiantech.edu/gainfulemployment.

Meridian Technology Center will not discriminate in its programs, services, activities or employment because of race, color, sex, pregnancy, gender, gender expression or identity, national origin, religion, disability, veteran status, sexual orientation, age, or genetic information in its programs, services, activities and employment.