



**A FASTER WAY »
FORWARD**

A FASTER WAY FORWARD

WEST-MEC CAMPUSES



» **CENTRAL**

101 & GLENDALE AVENUE

Aviation Maintenance Tech
Drone Tech
Coding
Law & Public Safety
Precision Machining
Welding Tech

» **NORTHEAST**

1-17 & DEER VALLEY

Advanced Manufacturing
Air Conditioning Tech
Automotive Tech
Coding
Collision Repair & Refinishing
Electrical Trade Specialty
General Construction Tech
Medical Assisting
Medium/Heavy Diesel Tech
Pharmacy Science
Veterinary Science
Welding Technology

» **NORTHWEST**

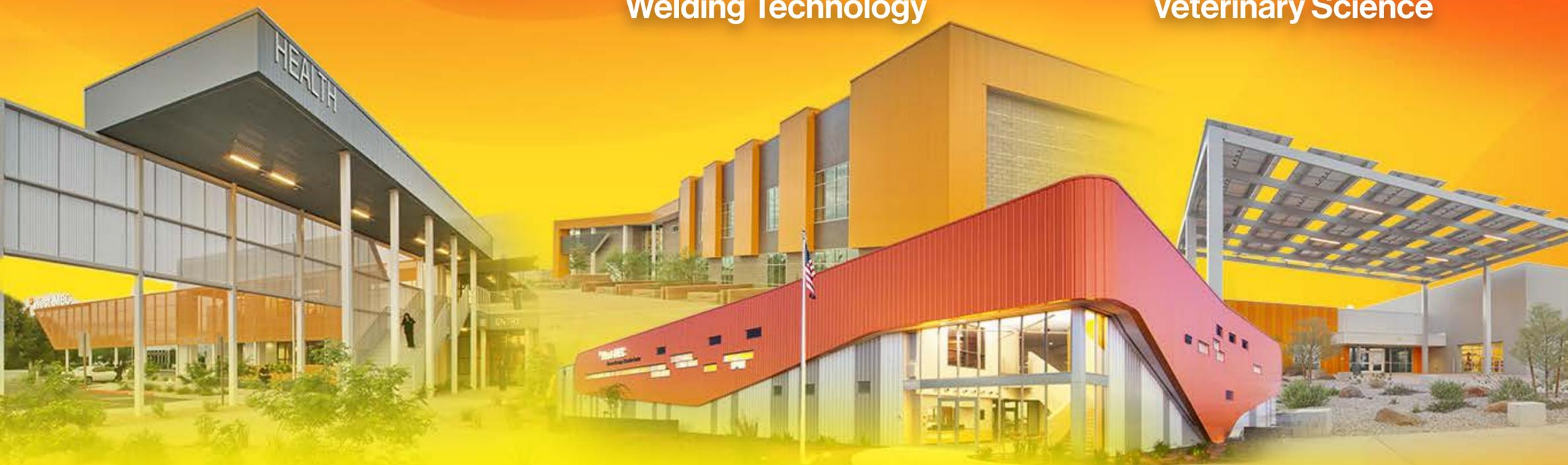
GRAND & DYSART

Aesthetics
Automotive Tech
Biomedical Science
Cosmetology
Dental Assisting
IT Security
Law & Public Safety
Medical Assisting
Nursing Services
Physical Therapy
Powersports Tech
Veterinary Science

» **SOUTHWEST**

1-10 & VERRADO WAY

Automation & Robotic Systems
Automotive Tech
Cloud Technology
Dental Assisting
Electrical Trade Specialty
Energy & Manufacturing Systems
General Construction Tech
Hairstyling
IT Security
Medical Assisting
Medical Laboratory Science
Pharmacy Science
Physical Therapy
Veterinary Science
Water Systems
Welding Tech



WEST-MEC CAMPUSES

A FASTER WAY FORWARD



West-MEC Career Academy @Agua Fria

Air Conditioning Technology

Electrical Trade Speciality

Medium/Heavy Diesel Technology

Welding Technology



» West-MEC PARTNER PROGRAMS

Aesthetics (Gateway Community College)
Automotive Technology (Glendale Community College)
Cosmetology (Gateway Community College)
Clinical Data Coordinator (Paradise Valley Community College)
Culinary Arts (Estrella Mountain Community College)
Emergency Medical Technology (Gateway Community College)
Fire Science (Glendale Community College)
Esports (Paradise Valley Community College)
Paralegal (Paradise Valley Community College)





“Earning credentials makes me feel qualified and accomplished. I was given a great opportunity to help further my career and it ***gives me credibility by showing that I am experienced.***”

NALANI BRIGGS / VETERINARY SCIENCE

91% of high school graduates who earned 2-3 credits in high school enrolled in college.

U.S. Department of Education

At West-MEC many students can begin their participation in early college programs such as:

- > Articulated credits
- > Concurrent enrollment
- > Dual enrollment
- > Prior Learning Assessments (PLA)



West-MEC

TECHNICAL CAREERS

(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Certificated Repairperson
- Certificated Airframe & Powerplant Mechanic
- Lead Mechanic
- Inspector/Lead Mechanic
- Quality Control Inspector
- Quality Assurance Inspector
- NDT Technician
- Structures Mechanic
- Avionics Technician
- Maintenance Planning
- Production Coordinator
- Technical Publications Writer

PROFESSIONAL CAREERS

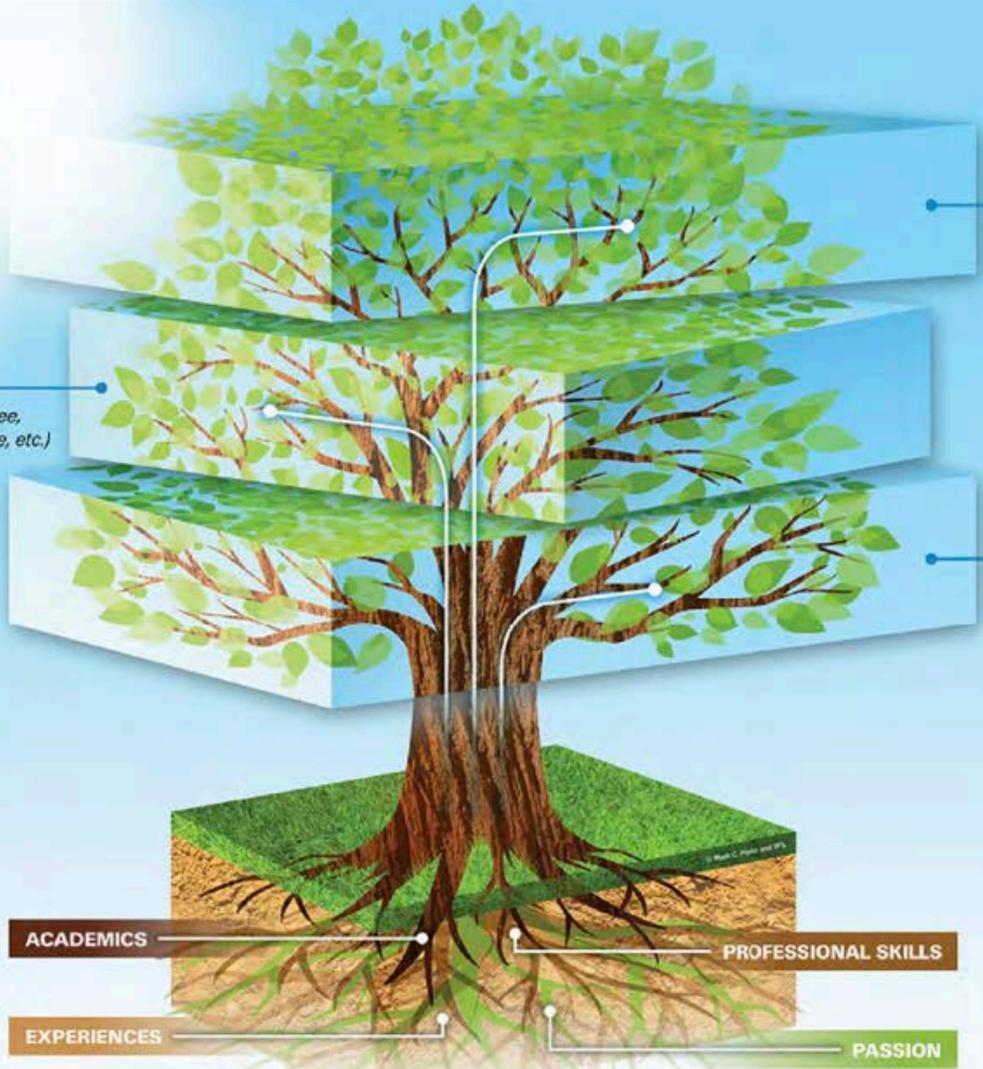
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- FAA Aviation Maintenance Inspector
- Pilot/Mechanic
- FAA Designated Mechanic Examiner
- FAA Safety Inspector
- Director of Maintenance
- Maintenance Manager/Supervisor
- Aeronautical Engineer
- Aviation Maintenance Instructor
- Aviation Lawyer
- Accident Inspector
- Maintenance Controller
- Company Technical Representative

ENTRY-LEVEL CAREERS

(with Program Completion)

- Apprentice Mechanic
- Repairperson
- Certified Airframe & Powerplant Mechanic
- Tool Room Technician
- Aircraft Painter
- Aircraft Ground Crew
- NDT Technician
- Airport Operations Agent
- Aviation Salesperson
- Structures Mechanic
- Aviation Supply Chain Specialist
- Airport Operations Agent



AVIATION MAINTENANCE TECHNOLOGY



CAREER TREES



FUTURE READY

COMPANIES HIRING OUR STUDENTS

Adelante Healthcare

AerSale

Ang Construction

APS/Palo Verde

Ball

Banner Health

Coreslab Structures

Cutter Aviation

Delta Airlines

Freightliner AZ

Hawkeye Electric

Honeywell

Humana

K2 Electric

Lexus

Lufthansa

Mercedes Benz

Ohana Salon

Pacific Dental Services

Pepsi Co

Rummel Construction

SanMar

Sanderson Ford

Schuff Steel

Spooner PT

Subaru

Toyota

1st Pet Vet





ADVANCED MANUFACTURING

Develop an understanding of the impact of AI, robotics, and automation on modern manufacturing processes

Cultivate technical proficiency in industry-standard equipment and apply skills in electrical hydraulic and pneumatics systems as well as programmable logic controllers (PLCs)

Develop the ability to troubleshoot complex systems and operate in cleanroom environments





AESTHETICS

Deliver professional skincare and makeup services within a dynamic spa environment

Improve skin health by performing personalized consultations, facials, and exfoliation treatments

Conduct advanced skincare analysis and treatments such as chemical peels and microdermabrasion





AIR CONDITIONING TECHNOLOGY

Create advanced climate-controlled environments in residential and commercial buildings

Install, maintain, and repair energy-efficient heating, air-conditioning, and refrigeration systems

Utilize emerging technology in electronics and advanced equipment to improve air quality and environmental sustainability





**AUTOMOTIVE
TECHNOLOGY**

Use the same advanced diagnostic and repair equipment as industry professionals to troubleshoot complex automotive systems

Work on foreign and domestic cars, trucks, and hybrid vehicles in a high-tech environment

Diagnose, repair, and maintain a wide range of vehicles alongside an ASE Master Technician





AUTOMATION & ROBOTIC SYSTEMS

Develop an understanding of industrial automation control system set-up, management, maintenance, and application.

Cultivate technical proficiency in the integration of artificial intelligence into manufacturing processes, ensuring a comprehensive skill set for modern industrial applications.

Develop advanced skills to automate motions within industrial processes, utilizing machines, robots, and cutting-edge control systems. Apply modern statistical quality control to an industrial process.





**AVIATION
MAINTENANCE
TECHNOLOGY**

Develop a broad knowledge of aircraft systems and components through installation, overhauling, and testing

Conduct inspections, engine operations, and critical maintenance procedures

Troubleshoot, repair, and service aviation systems and components using FAA-approved procedures





BIOMEDICAL SCIENCE

Solve medical mysteries by designing, conducting, and analyzing scientific experiments to prevent, diagnosis, and treat disease

Experience hands-on activities in anatomy, cell biology, disease research, environmental science, and genetic engineering

Use cutting-edge technology to isolate, manipulate, and alter DNA in the creation of transformative organisms





CLINICAL DATA COORDINATOR

Gain skills needed to manage and analyze critical data in clinical trials, preparing you for a vital role in advancing healthcare innovations

Achieve practical experience through hands-on training led by seasoned professionals in the field, ensuring you're job-ready upon graduation

Navigate complex clinical databases, ensure data accuracy, and contribute to groundbreaking medical research





**CLOUD
TECHNOLOGY**

Learn the essential skills to implement, maintain, optimize, and troubleshoot cloud-based infrastructure services to earn the CompTIA Cloud+ certification.

Obtain a high-level understanding of AWS Cloud, services, and terminology in pursuit of earning the AWS Certified Cloud Practitioner certification.

Acquire the skills to configure and manage Windows Server on-premises, hybrid, and infrastructure (IaaS) platform workloads as you pursue your Microsoft Windows Server Hybrid Administrator Associate certification.





CODING

Power the modern world by writing code for interactive websites, mobile applications, and data science

Work individually and in teams to design creative, eye-catching, and responsive websites and mobile applications

Write code in a variety of advanced languages that can be applied to various web and mobile technology platforms





COLLISION REPAIR & REFINISHING

Breathe life into damaged vehicles by restoring them to pristine condition

Refinish automobiles and trucks through blending, matching, and custom color design in a professional paint booth

Restore exterior panels to their original integrity, function, and appearance using modern welding, sanding, and fabrication techniques





CULINARY ARTS

Craft amazing and fun foods using flames, knives, and creative chemistry

Create and serve cuisine in a modern commercial kitchen preparing appetizers, soups, entrées, and desserts in a bistro setting

Express creativity as part of a team that designs menus, prepares meals, organizes catered events, and develops unique dining experiences





**DENTAL
ASSISTING**

Perform digital x-rays, chair-side assistance, and use advanced instrumentation and technology to work alongside a dental professional

Develop the passion to make a difference by educating adults and children on the importance of oral health and hygiene

Take impressions, make dental models, and create whitening trays





DRONE TECHNOLOGY

Explore and evaluate advanced electronic systems using the same modern equipment and techniques as avionics experts

Analyze, troubleshoot, and maintain instrumentation and control systems used in modern avionics and drone technology

Create and assemble electronic components and circuit boards for maximum effectiveness





**ELECTRICAL
TRADE
SPECIALTY**

Control electricity using logical thinking to create, connect, and test AC/DC circuits for safe and efficient operation

Design, stage, and install residential electrical wiring for power control systems

Harness your power by earning apprenticeship experience toward a journeyman's license





**EMERGENCY
MEDICAL
TECHNOLOGY**

Deliver critical life-support care using a wide variety of medical and diagnostic equipment

Experience fast-paced emergency situations where your actions make a difference

Treat a wide range of patient conditions through a deep understanding of the human body





**ENERGY &
MANUFACTURING
SYSTEMS**

Utilize emerging technologies to sustainably meet increasing energy demands

Design, construct, and maintain industrial, mechanical, electrical, and automated systems

Identify and apply creative solutions, as part of a team, to complex engineering challenges





Esports

DEVELOP GAMES

You will develop games and connect with peer gamers

PLAN & DESIGN TOURNAMENTS

You will plan, design, produce tournaments including streaming, casting, bracket running, setup/teardown, and all aspects of production and marketing.

COMPETE IN TOURNAMENTS

Using specialized knowledge, you will compete in League of Legends, Rocket League and other tournaments.





**FIRE
SCIENCE**

Experience the satisfaction of being a first responder, saving lives, fighting fires, and contributing to a safe community

Operate a wide range of firefighting and life-saving equipment alongside professional firefighters and EMTs

Develop your mind and body through rigorous mental and physical training





**GENERAL
CONSTRUCTION
TECHNOLOGY**

Work alongside industry professionals in all aspects of construction including carpentry, masonry, plumbing, electrical, and finishing

Operate hand and power tools to complete construction projects on schedule

Work as part of a team on residential projects to promote a safe working environment





HAIRSTYLING

Express individual creativity by providing artistic hair services using the latest technology, trends, and name-brand products

Work alongside professional cosmetologists to evaluate, recommend, and create unique hair designs to exceed client expectations

Manage a fully-operational salon while exploring all aspects of quality hair styling services





**IT
SECURITY**

Investigate and eliminate security threats to networks using cyber forensics to mitigate hackers, malicious attacks, and state-sponsored terrorism

Work with information technology specialists to design, install, and troubleshoot complex computer network systems in physical and cloud-based environments

Protect computers and networks through the configuration of powerful hardware and software using cybersecurity programs and firewalls





**LAW &
PUBLIC SAFETY**

Experience law enforcement by exploring patrol procedures, crime scene investigation, forensics, emergency dispatch, security, and corrections

Strengthen your mind and body through rigorous mental and physical training, including advanced self-defense tactics

Evaluate aspects of the legal system including constitutional, federal, and state laws as well as charging and sentencing, and use of force justification





**MEDICAL
ASSISTING**

Perform medical procedures including documenting patient symptoms, taking vitals, drawing blood, giving injections, and assisting in minor office surgeries

Participate in clinical experiences in a wide range of medical practices to enhance our community and patients' lives

Be a key part of a collaborative and professional healthcare team practicing high-quality patient care and management





**MEDICAL
LABORATORY
SCIENCE**

Experience the thrill of medical investigation while analyzing body fluids to identify conditions in a medical laboratory

Utilize modern venipuncture and specimen practices to accurately collect and prepare blood samples

Use attention to detail and sterilization procedures to prepare samples to pass quality control standards





**MEDIUM/
HEAVY DIESEL
TECHNOLOGY**

Analyze and repair advanced mechanical, electrical, and computer systems for a variety of diesel equipment

Use the latest computer-controlled technology to maintain heavy equipment in a rapidly changing industry

Conduct all aspects of workshop operations, interact with clients, and market unique products and solutions





NURSING SERVICES

Experience the satisfaction of caring for others by performing daily living activities for patients in long-term care and other healthcare settings

Work alongside a registered nurse in a clinical environment to take vital signs, provide personal hygiene, and deliver mobility assistance

Provide compassionate care for patients and their families in a variety of settings





PARALEGAL

Learn substantive and procedural areas of law, including legal ethics, civil procedure, legal research, and legal writing

Acquire legal skill sets and prepare for industry certification and employment in a multitude of legal settings

Develop critical thinking, problem-solving, and communication skills essential for success in any legal career





PHARMACY SCIENCE

Work in a simulated clinical environment to prepare and package a variety of medications including compounding and IV solutions

Deliver great customer service, manage inventory, prepare prescriptions, and maintain the quality and purity of drugs

Explore disease treatments using pharmacology in a variety of healthcare environments





PHYSICAL THERAPY

Execute customized exercise and therapeutic treatments to assist patients with increased strength, mobility, and coordination

Use advanced ultrasound, electrical stimulation, hot and cold therapies, and mobility assist devices to rehabilitate patients after injury or illness

Prepare clinic facilities, chart progress, and provide individual patient plan documentation





**POWERSPORTS
TECHNOLOGY**

Maximize the performance of side-by-sides, motorcycles, ATVs, and watercraft

Troubleshoot, repair, and maintain gas powered recreational vehicles and industrial equipment

Operate the same advanced diagnostics and specialized equipment found in professional facilities





**PRECISION
MACHINING**

Design, create, and machine the high-tech precision parts and tools used worldwide in everyday products

Harness advanced computer-controlled technology to manufacture precise metal and plastic components

Use the latest tools and advanced techniques in computer-aided design and computer-aided machining technologies





VETERINARY SCIENCE

Work daily with certified professionals to manage an animal wellness clinic that provides training, enrichment, and socialization to adoptable animals

Deliver quality veterinary care by assisting with restraint, examinations, and preparation for x-rays and surgeries

Explore the science of veterinary medicine including nutrition, disease prevention, and anatomy and physiology





WATER SYSTEMS

Design, operate, and maintain sustainable distribution and treatment systems for water resources vital to our communities

Apply scientific and mechanical principles to solve current environmental issues

Provide innovative solutions to impact the powerful dynamics of natural resources and environmental concerns





WELDING TECHNOLOGY

Manipulate the power of fire and electricity to design and construct the metal products people use every day

Use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate metal for industrial or artistic applications

Become an integral part in building the infrastructure of America



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