



# 2024 - 2025 HIGH SCHOOL PROGRAM GUIDE



# #NEXTREADY

## What is #NextReady?

An Apollo Career Center education includes: identifying a student's interests and talents; providing high-level skills training and academics; teaching critical soft skills; and offering opportunities for industry experiences and credentialing.

Apollo graduates leave prepared for whatever is next after high school including apprenticeship, college, career or the military.

Students from Ada, Allen East, Bath, Bluffton, Columbus Grove, Elida, Hardin Northern, Perry, Shawnee, Spencerville and Wapakoneta attend Apollo Career Center, which means you will be making new friends from a lot of other schools while getting Next Ready for your future!

## Vision Statement

Apollo Career Center will prepare students to be next ready to have a positive impact in our community.

### Academic Options:

- Algebra 1
- Geometry
- Statistics/Trigonometry
- Integrated Math III
- Algebra 2
- College Prep Math
- Advanced Math 1 (Pre-Calc)
- Financial Math (Senior Math)
- English - CCP 1110 Rhodes State College
- English- Advanced/CCP 2400/ Rhodes State College - Public Speaking
- English 3
- English 4
- Chemistry
- Anatomy/Physiology
- Biology
- Environmental Science
- Government
- Financial Literacy
- World History
- American History
- CE English Career Explorations English (sophomore English)

### Career Tech Options:

- Automation and Robotics
- Automotive Collision Technology
- Automotive Technology
- Building and Renovations
- Carpentry
- Computer Information Support
- Construction Equipment Technology
- Cosmetology
- Culinary Arts
- Early Childhood Education
- Electrical Systems Technology
- Fire/EMS Technology
- Health Science
- HVAC
- Print and Graphics
- Multimedia Technology
- Robotics/CNC Technology
- Spa and Esthetics (Senior Only)
- Sports Exercise Science
- Welding and Fabrication

### You should know...

- **College credit** - You may want to take advantage of CCP classes while attending Apollo. Students can obtain cost-free college credit through articulation agreements with many colleges, and Technical Credit Transfers are also available through Apollo programs. Visit [www.ohiohighered.org/transfer/ct2/ctags](http://www.ohiohighered.org/transfer/ct2/ctags) for more information.
- **Placement and school-to-careers services** - we want to help you find a job in your chosen career.
- **Home high school activities** - We encourage you to stay involved in your home school.
- **Application** - Students apply to Apollo during their sophomore year. You're invited to apply online at [www.apollocareercenter.com](http://www.apollocareercenter.com)
- **Admissions** - You will need a minimum of eight credits in academic courses and be on track for graduation (2 English credits, 2 math credits, 1 science credit, 1 social studies credit, and 2 additional state required courses).
- **Credentials and certifications** - In addition to receiving college credit for Apollo programs, certifications can be earned. You can earn valuable college credit, certifications and credentials. Learn more at <http://bit.ly/2eogNsX>

## APPLICATION/ENROLLMENT TIMELINE



# CAREER EXPLORATION SOPHOMORES ONLY



Career Exploration is a sophomore program. It is designed to enable students to experience the Apollo programs while earning their credits to be accepted and enrolled into Apollo as a junior for a two-year program. Career Exploration

students will rotate through eight or nine programs based on the results of their Career Scope interest inventory. In the final rotation, students may rotate through a new lab or can be invited back by an instructor to revisit a previous lab.

## FOR STUDENTS WHO WANT TO EXPERIENCE A VARIETY OF CAREERS

### Students will rotate through a variety of the following programs:

- Automation and Robotics
- Automotive Collision Technology
- Automotive Technology
- Building and Renovations
- Carpentry
- Computer Information Support
- Construction Equipment Technology
- Cosmetology
- Culinary Arts
- Early Childhood Education
- Electrical Systems Technology
- Fire/EMS Technology
- HVAC
- Health Science
- Multimedia Technology
- Print and Graphics
- Robotics/CNC Technology
- Spa and Esthetics Technology
- Sports Exercise Science
- Welding and Fabrication

### Eligibility

To be eligible to participate in the Career Exploration program, you must have four credits.



# AUTOMATION AND ROBOTICS



## ✓ 12-point Pre-Apprenticeship credential

### Skills Learned:

- Industrial mechanics
- Pneumatics
- Industrial Electricity
- Industrial Motor controls
- Programmable Logic Controllers (PLC)
- Robotics

### Potential Careers:

- Maintenance Technician
- Preventative Maintenance Tech
- Multicraft Maintenance
- Equipment Service
- Industrial Electrician

### Certifications/Credentials:

- NCCER Core (6 points)
- NCCER Level 1 (6 points)



This new program provides the skills you need for a great career that is in demand locally and across the country. As an industrial repair technician, students will learn how to maintain, repair and rebuild equipment that is critical to the day to day operations.

Upon successful completion of this two-year high school program, students may obtain a one-year Maintenance certificate from Rhodes State College or continue on towards an associate's degree.

Students will learn the skills necessary through hand-on experience and technology. Due to this multifaceted career field, students will work with a wide variety of equipment teaching skills such as: hydraulics and pneumatics, industrial mechanics, robotics, industrial electricity and Programmable logic controls (PLC) Students will develop a skill set that equips them to troubleshoot in a manufacturing setting.

# AUTOMOTIVE COLLISION TECHNOLOGY



**IN AUTOMOTIVE COLLISION TECHNOLOGY, STUDENTS GAIN REAL-LIFE WORK EXPERIENCE REPAIRING COLLISION-DAMAGED VEHICLES**

## **Skills Learned:**

- Use of hand/power tools
- Structural analysis and damage repair
- Mechanical and electrical components
- Plastics and adhesives
- Painting and refinishing
- Basic shop and safety practices
- Welding
- Glass replacement
- Pinstriping
- Paint stripping
- ASE Certification testing

## **Potential Careers:**

- Collision Technician
- Automotive Painter
- Industrial Painter
- Glass Specialist
- Auto Body Parts or Paint Sales Representative
- Frame or Uni-body Specialist
- Automotive Damage Appraiser
- Auto Salvage Yard
- Sheet Metal Welding
- Shop Owner
- Graphics and detailing
- Parts Replacement

## **Certifications/Credentials:**

- ASE\* student certification (3 Points each)

Students in Automotive Collision Technology gain real-life work experience repairing damaged vehicles by learning the proper

techniques in using hand and power tools and the latest in automotive collision equipment. While learning all about structural and non-structural damage analysis and repair over the course of this two-year program, students are involved in developing the skills necessary to understand mechanical and electrical components, plastics and adhesives, painting and refinishing, and basic shop and safety practices. At the completion of the program, careers await as a collision technician, automotive painter, industrial painter, automotive damage appraiser and many more.





# AUTOMOTIVE TECHNOLOGY



## AUTOMOTIVE TECHNOLOGY TEACHES STUDENTS THE HI-TECH SKILLS REQUIRED FOR A CAREER IN THE AUTOMOTIVE INDUSTRY

### Skills Learned:

- Preventive maintenance
- Engine repair
- Brake systems/anti-lock brakes
- Suspension and steering systems/alignments
- Electrical and electronic systems
- Engine performance
- Manual drive trains and axle operations
- Automotive transmissions/transaxles operations
- Heating and air conditioning systems

### Potential Careers:

- Automotive Technician
- Service Writer
- Parts Technician
- Shop/Business Owner/Manager
- Brakes Specialist
- Tire/Alignment Specialist
- Automotive Instructor

### Post-secondary options include:

- Two or four-year college
- Manufacturer's training

### Certifications/Credentials:

- ASE\* student certification (3 Points each)

**Students may earn up to four hours of cost-free college credit.**



Automotive Technology is a two-year, ASE Education Foundation Certified program that prepares students to enter a professional career in the automotive industry and to further their education at the post-secondary level. Students are introduced to preventive automotive maintenance, brake systems, suspension and steering, basic electrical, engine repair during the first year. During the second year, students are introduced to electrical and electronics, engine performance, manual drive train and axles, automatic transmission and transaxles, and heating and air conditioning.



# BUILDING AND RENOVATIONS



✓ **12-point**  
Pre-Apprenticeship  
credential

**BUILDING AND  
RENOVATIONS TEACHES  
THE SKILLS THAT  
KEEP BUILDINGS AND  
FACILITIES OPERATIONAL**

**Skills Learned:**

- Blueprint reading
- Electrical maintenance and repair
- Plumbing maintenance and repair
- Painting and drywall
- Basic carpentry
- Building services

**Potential Careers:**

- Building Maintenance
- Plumber's Assistant
- Electrical Assistant
- Carpenter's Assistant
- Remodeling

**Certifications/Credentials:**

- NCCER\*  
(6 Points each)



In Building and Renovations students learn skills to keep buildings and facilities operational. Students train in the skilled areas of electrical maintenance and repair, plumbing maintenance and repair, and then get their hands-on experience by training in drywall, basic carpentry, basic masonry, painting, and maintenance. This two-year program then prepares students for careers in the building industry where they can practice as a plumber's assistant, electrical assistant, carpenter's assistant, and more.



# CARPENTRY



✓ **12-point**  
Pre-Apprenticeship  
credential

## CARPENTRY STUDENTS BUILD THEIR HOMEWORK



Carpentry students will build their skills working on construction projects in and out of the lab. Students who are driven by the energy that comes from working with their hands will thrive in this program. During the two-year program students will learn skills that include building techniques, estimating, blueprint reading, building construction, interior wall finish and trim, and residential wiring. Upon completion, students can enter the workforce or continue their education to pursue careers as a project manager or architect.

### Skills Learned:

- Building techniques
- Estimating
- Electricity
- Blueprint reading
- Building construction
- Interior wall finish/trim

### Potential Careers:

- Residential and Commercial Construction Worker
- Sales Representative
- Estimator

### With additional education:

- Architect
- Project Manager

### Certifications/Credentials:

- Career Connections (12 Points)





# COMPUTER INFORMATION SUPPORT



**IT'S A BOOMING FIELD  
AND COMPUTER  
INFORMATION SUPPORT  
IS GREAT PREPARATION  
FOR SUCCESS**



Computer Information Support is designed for those students wishing to pursue a career in the information technology field. The course covers a wide variety of topics including: business and office software, computer hardware architecture, computer system repair and troubleshooting, network architecture, network administration, network and computer security, computer and mobile programming, game programming, and website design. The focus of the program is to expose the student to a wide array of technology fields to help better prepare them to make a career choice.

## **Skills Learned:**

- Computer programming
- Computer repair
- Network administration
- Network security and intrusion

## **Potential Careers:**

- Help Desk Support
- PC Technician
- Computer Programmer
- Internet Programmer
- Network Administrator
- Computer and Network Security
- Website Designer

## **Certifications/Credentials:**

CompTIA\*: (6 Points each)

- IT Fundamentals
- Security Pro

**Students may earn up to six  
hours of cost-free college  
credit.**



# CONSTRUCTION EQUIPMENT TECHNOLOGY



✓ **12-point**  
Pre-Apprenticeship  
credential

**CONSTRUCTION  
EQUIPMENT TECHNOLOGY  
STUDENTS GAIN  
EXPERIENCE DRIVING  
BIG TRUCKS AND HEAVY  
MACHINERY AND MORE**



Construction Equipment Technology is a dream come true for students who like machines! During the junior year students learn how to operate and maintain large equipment such as a backhoe, bulldozer, forklift, tractor, skid loader, excavator, and dump truck. Students are also taught concrete and masonry skills, and surveying. After gaining experience with equipment, students choose to specialize in one or more of these areas: CDL, heavy equipment operation and surveying, concrete and masonry. At the end of the two-year program students will have career options as an excavation contractor, mobile power technician, truck driver/owner, heavy equipment operator, masonry/concrete worker, or surveyor.

## **Skills Learned:**

- Heavy equipment operation
- Surveying
- Operation and maintenance of:
  - Backhoe
  - Bulldozer
  - Forklift
  - Tractor
  - Dump truck
  - Skid loader
  - Excavator
- CDL training
- Brick, block and concrete

## **Potential Careers:**

- Excavation Contractor
- Mobile Power Technician
- Truck Driver/Owner
- Heavy Equipment Operator
- Masonry/Concrete Worker
- Surveyor

## **Certifications/Credentials:**

- NCCER\* (6 Points each)
- CDL (12 Points)

**Students may earn up to  
three hours  
of cost-free  
college credit.**





# COSMETOLOGY



## BECOME A LICENSED COSMETOLOGIST AND JOIN THE WORKFORCE BEFORE GRADUATION

### Skills Learned:

- Hair cutting and styling
- Facial
- Permanent waving techniques
- Hair coloring
- Make-up techniques
- Chemical straightening
- Manicuring/pedicuring

### Potential Careers:

- Cosmetologist
- Make-up Artist
- Salon Owner and/or Manager
- Color Consultant
- Beauty Product Sales Representative
- Nail Technician
- Pedicurist
- Platform Artist at Trade Shows

### Certifications/Credentials:

- Ohio State Board of Cosmetology License (12 Points)
- Certificate in Tanning Operation
- Certificate in Relaxation Massage
- Pravana Specialized Colorist Certification



The Cosmetology program gives students the opportunity to be a licensed cosmetologist before they graduate from high school. This propels students into the workforce or allows them to work during college using skills they love. Students will master professional hair cutting, styling and coloring, facial and nail treatments, make- up techniques, and more. Year two students begin patron service in their very own salon on campus and are prepared to take the state test in the spring. This hands-on experience enables students to practice as a licensed cosmetologist after high school, work as a make-up artist, or own or manage a salon.

# CULINARY ARTS



## MASTER THE CULINARY ARTS WITH THIS TWO-YEAR PROGRAM

### Skills Learned:

- Culinary terminology
- Cooking techniques
- Sanitation and safety
- Food and beverage cost control
- Kitchen management and supervision
- Customer service/guest relations

### Potential Careers:

- Restaurant Manager
- Caterer
- Cook
- Personal Chef
- Sous Chef
- Dietician

### Certifications/Credentials:

- Pro Start (9 Points)
- ServSafe : Manager (3 Points)
- Food Handler (1 Point)

**Students may earn up to 22 hours of cost-free college credit.**



Culinary Arts is a ProStart curriculum and is certified by the National Restaurant Association, meaning students enrolled in this program are receiving top-notch training in the culinary field. Students then test their skills running Apollo's on-campus restaurant, the Garden Cafe. Students will experience menu prep, customer service, operations management all while sharpening their culinary skills. Students prepare a wide variety of dishes and baked goods in a fully equipped, state-of-the-art kitchen preparing them for careers as a personal chef, sous chef, restaurant manager, caterer and much more.





# EARLY CHILDHOOD EDUCATION



## EARLY CHILDHOOD EDUCATION PREPARES STUDENTS FOR A CAREER IN EDUCATION AND CHILDCARE

### **Skills Learned:**

- Safety and health issues
- Nutrition
- Child development
- Quality child care practices
- First aid
- CPR
- Child abuse awareness
- Lesson planning

### **Potential Careers:**

- Day Care/Nursery School Teacher
- Licensing Specialist
- Infant/Toddler Aide or Teacher
- Family Care Provider/Nanny
- Referral Specialist
- Special Education/Elementary Teacher Assistant
- Children's Library Aide
- Day Care Director
- Social Worker
- Intervention Specialist

### **With additional education:**

- Elementary Teacher
- Parent Educator

### **Certifications/Credentials:**

- CDA (12 Points)
- CPR/AED ( 1 Point)
- First Aid for Childcare (1 Point)
- Child Abuse Prevention 1 & 2 (1 Point)
- Communicable Disease 1 & 2 (1 Point)
- Additional OCCRRR Trainings (1 Point each)

**Students may earn up to five hours of cost-free college credit.**



Early Childhood Education provides a hands-on learning experience for students interested in careers in education and childcare. Students gain experience while working in local daycare centers, preschools, kindergartens, and special needs classrooms. Opportunities to earn certificates by the conclusion of the program enables students to work in licensed childcare centers and become licensed family care providers. Students prepare for the Child Development Associate credential which enhances employability in fields related to early childhood education and care.

# ELECTRICAL SYSTEMS TECHNOLOGY



✓ **12-point**  
Pre-Apprenticeship  
credential

**SKILLED ELECTRICIANS  
ARE IN HIGH DEMAND  
AND ELECTRICAL  
SYSTEMS TECHNOLOGY  
WILL HELP YOU SPARK  
YOUR FUTURE CAREER**

Electrical Systems Technology covers a wide range of skills necessary to work in residential and commercial settings. Students will be exposed to industrial settings to learn installation and operation of motor and controls systems. Throughout this course,

students will apply advanced electrical concepts to a wide range of complex projects, and learn to troubleshoot circuits for safe and efficient operation. Students who enjoy doing something different every day will find this program a rewarding choice.



## **Skills Learned:**

- Test equipment usage
- Articles of the National Electrical Code application
- Installation of:
  - Rough-in wiring
  - Distribution systems
  - Finish wiring
  - Motor control wiring
  - Lighting systems
- Blueprint interpretation

## **Potential Careers:**

Graduates traditionally find employment with union and non-union contractors.

- Residential Technician
- Commercial Electrician
- Electrical Sales
- Paid Apprenticeships
- Industrial Maintenance Tech
- Electrical Engineer
- Project Manager
- Estimator

## **Certifications/Credentials:**

- NCCER Core Curricula (6 Points each)
- NCCER Electrical Level 1 (6 Points each)
- OSHA Training (1 point)
- Aerial Lift Training (1 point)

**Students may earn up to one hour of cost-free college credit.**





# FIRE/EMS TECHNOLOGY



Fire/EMS Technology is for students who want to pursue a career as a firefighter or emergency medical technician. This program allows students to gain real-world experience in the areas of fire science and EMS. Students who successfully complete this program will have the opportunity to earn

a Firefighter I, Firefighter II, and EMT Basic certification. Second year students learn how to safely manage fire within structures by entering a controlled burn atmosphere, and perform actual patient care through EMS clinical field experience.



## MAKE AN IMPACT ON YOUR COMMUNITY WHILE HELPING OTHERS IN FIRE/EMS TECHNOLOGY

### **Skills Learned:**

- Fire suppression
- Search and rescue
- Hazardous materials response
- Vehicle extrication
- Prehospital emergency patient care

### **Potential Careers:**

- Level II Firefighter

### **With Additional Training:**

- Paramedic
- Fire Investigator

### **Certifications/Credentials:**

- Ohio Department of Public Safety, Division of EMS, Ohio Firefighter I (12 Points)
- Ohio Department of Public Safety, Division of EMS, Ohio Firefighter II (12 Points)
- National Incident Management System 100 (4 Point)
- National Incident Management System 700 (4 Point)
- CPR/First Aid (1 Point)
- EMT Basic (12 Points)

**Students may earn up to 25  
hours of cost-  
free college  
credit.**



# HEALTH SCIENCE



## PREPARE FOR A CAREER IN THE MEDICAL FIELD WITH THE HEALTH SCIENCE PROGRAM

### Potential Careers:

- Nurse
- Physical Therapist
- Nurse's Aide
- Home Health Aide
- Many entry-level Healthcare professions

### Certifications/Credentials:

- STNA (12 Points)
- Phlebotomy (12 Points)
- CPR & First Aid (1 Point)
- OSHA Career Safe (1 Point)

**Students may earn up to eight hours of cost-free college credit.**



Health Science offers a basic health care curriculum for first-year students and a diversified curriculum during the senior year. Both tracks prepare students for careers in the medical field. Basics of CPR and First Aid, State Tested Nurse Aide (STNA) and Phlebotomy certifications give students the opportunity to explore a variety of health fields in preparation for post-secondary study or the workforce.

### 1-Core

In Health Science 1 you will learn basic skills that the vast majority of Health Care Workers should have. The Health Science 1-Core Curriculum includes:

- Safety practices
- Infection control
- CPR and First Aid
- Vital signs
- State Tested Nurse Aide
- Home Health Aide
- Nurse assistant skills
- Medical assistant skills
- Physical therapy skills
- Intro to anatomy and physiology
- Intro to medical terminology (CTAG)

### 2-Diversified

In Health Science 2-Diversified, you will learn advanced skills related to various health occupations. The Health Science 2-Diversified Curriculum includes:

- Legal and ethical responsibilities
- Growth and development
- Geriatric care
- Cultural diversity
- Laboratory assistant skills
- Anatomy and physiology
- Medical terminology (CTAG)
- Employability skills
- Medical office procedures
- Phlebotomy
- Allied health career exploration





# HVAC



✓ **12-point**  
Pre-Apprenticeship  
credential

**KEEP YOUR COOL IN  
THIS HOT CAREER  
CHOICE WITH ALL THE  
SKILLS YOU NEED TO  
FILL ONE OF THE MANY  
JOB OPENINGS ACROSS  
THE REGION**

#### **Skills Learned:**

- Science of Refrigeration
- Sheet Metal
- Soldering and Brazing
- Electrical Wiring (High and Low Voltage)
- Control Systems
- Heating and Cooling Repair
- Soft Skills
- Workplace Safety

#### **Potential Careers:**

- Service Technician
- HVAC/R Install
- Apprentice
- Sheet Metal Worker
- Controls Technician
- Computer Programming
- Research Engineer
- Sales
- Estimator
- HVAC/R Systems Designer

#### **CERTIFICATIONS AND CREDENTIALS:**

- NCCER Core (6 Points)
- NCCER Level 1 (6 Points)



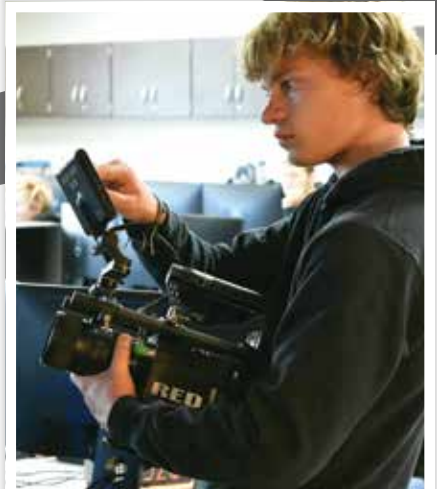
HVAC students will learn the skills necessary to be an HVAC technician. Through hands-on experience and technology, students will learn how to work with a variety of environmental control systems. This course teaches skills to plan, install and repair heating, air conditioning, refrigeration, and plumbing systems. Students will develop skill sets that help them to troubleshoot heating and cooling systems in commercial, industrial, and residential settings.



# MULTIMEDIA TECHNOLOGY



**MULTIMEDIA TECHNOLOGY EXPLORES THE VISUAL ARTS TO PREPARE STUDENTS FOR A WIDE RANGE OF CAREERS**



Multimedia Technology is perfect for students looking to merge their creativity in design with their love of technology. It nurtures the need for strong graphic design, photography and videography skills using

Adobe Creative Suite. With these skills students are able to enter a growing career field where they can work as a graphic designer, videographer, photographer and more.



## **Skills Learned:**

- Adobe :
  - Premiere (video editing)
  - After Effects (animation)
  - Photoshop (photo editing/ graphic design)
  - Illustrator (graphic design)
  - InDesign (layout)
- Photography

## **Potential Careers:**

- Graphic Designer
- Video Editor
- Photographer
- Animator

## **Certifications/Credentials:**

- Adobe\* (4 Points each)

**Students may earn up to six hours of cost-free college credit.**





# PRINT & GRAPHICS



**GET CREATIVE WITH  
A CAREER IN DESIGN  
AND PRINT**



In the Print & Graphics program students can explore and build skills that will help them forge a career and/or college pathway in the graphic design and multimedia industry. Students will use state-of-the-art equipment and software like wide-format digital printers, digital cameras, silk screen machines, Adobe Photoshop, Adobe InDesign, Adobe Illustrator, and Flexi 8. Students learn to create effective designs that communicate visually in both print and multimedia environments.

## **Skills Learned:**

- Screen Printing
- Vinyl Graphics Lettering, Vehicle Wrap, Signage
- Photography
- Photo Imaging Design
- Electronic Prepress Design
- Graphic Design
- Web Graphic Design

## **Potential Careers:**

- Graphic Designer
- Vinyl Graphic Designer
- Photographer
- Layout Artist
- Press Operator
- Silk Screen Printer

## **Certifications/Credentials:**

- Adobe\* (4 Points each)/ Print Ed\*



# ROBOTICS/CNC TECHNOLOGY



✓ **12-point**  
Pre-Apprenticeship  
credential

**WORK WITH STATE-OF-  
THE-ART EQUIPMENT TO  
COMPLETE ROBOTIC &  
ENGINEERING PROJECTS**

## **Skills Learned:**

- Blueprint reading
- CAD
- Robotics
- CNC programing/MasterCam
- Machining
- Design/3D modeling
- Operation of:
  - Lathes
  - Milling machines
  - Grinders
  - Drills
  - Computer-controlled machines

## **Potential Careers:**

- CNC Programmer
- Production Machinist
- Computer Numerical Control Programmer or Operator
- Robotics Programmer
- Robotics Repair Technician
- General Machinist
- Lab Technician Assistant
- Equipment Repair Technician
- Machine Control Technician

## **With additional education:**

- Tool & Die Maker
- Mechanical Engineer
- Industrial Engineer

## **Certifications/Credentials:**

- Yaskawa (6 Points)
- Fanuc (6 Points)
- Nims (12 Points)

**Students may earn up to six  
hours of cost-  
free college  
credit.**



In Robotics/CNC Technology get ready to work with state-of-the-art equipment that allows you to complete the latest robotic and engineering projects. Take your ideas, designs and sketches and translate them into real-life 3D designs, blueprints and more. Students develop strong skills in this industry by using CAD, 3D Inventor, and various interactive simulation software that leads them into a career pathway that may include CNC programmer, equipment repair technician, machine control technician, or production machinist. Students are also prepared to advance their education towards a prospective career in mechanical or industrial engineering.



# SPA & ESTHETICS TECHNOLOGY SENIORS ONLY



## BECOME LICENSED BEFORE GRADUATION WITH OUR SPA AND ESTHETICS TECHNOLOGY PROGRAM

### Skills Learned:

- Relaxation massage
- Certified Tanning Operator
- Specialized skincare
- Makeup artistry
- Hair removal
- Lash/brow tinting
- Theatrical makeup
- Manicuring
- Pedicuring
- Artificial nail enhancements

### Potential Careers:

- Licensed esthetician in a salon
- Hair removal specialist
- Makeup artist-special effect and casual wear
- Relaxation massage
- Tanning Operator
- Cosmetic counter employee
- Product representative
- Marketing materials/Printing
- Licensed nail technician

### Certifications/Credentials:

- Ohio State Board of Cosmetology Manicure License (12 Points)
- Ohio State Board of Cosmetology Esthetics License (12 Points)
- Certificate in Relaxation Massage
- Certificate in Tanning Operation



Spa and Esthetics Technology allows students to become licensed estheticians and licensed nail technicians before graduation. Students will operate a full-service spa Wednesday through Friday on campus. This program allows licensees to transition directly into the workforce upon graduation. Students learn the skills necessary to have a successful career in the skincare and beauty industry after taking the Ohio State Board of Cosmetology exam.



# SPORTS EXERCISE SCIENCE



The Sports Exercise Science (SES) program is designed to prepare students for entry-level positions in any of the four health-fitness settings: clinical, commercial, community or corporate. This program includes everything from the study of the body's responses to physical exercise to treating bodily injuries and diseases. Students will learn scientifically based content and apply learned material with hands-on experiences. This program prepares students to take certification exams offered by the American Council on Exercise (ACE) and the American Medical Certification Association to become certified as a personal trainer and to become a certified physical therapy aide. Completion of the Sports Exercise Science

program may act as a stepping stone to prepare students for an undergraduate education in athletic training, exercise physiology/ science, physical therapy, sports nutrition, sports medicine, biomechanics, and other allied health disciplines.



## SPORTS EXERCISE SCIENCE STUDENTS ARE PREPARED FOR CAREERS IN HEALTH-FITNESS AND PHYSICAL THERAPY

### **Skills Learned:**

- Athletic Injury Prevention
- Concepts in Rehabilitation of Orthopedic Injury
- CPR/First Aid/AED
- Human Anatomy and Physiology
- Medical Terminology
- Fitness Safety
- Sports Specific Training
- Fitness Screening & Evaluation
- Health and Fitness Trends
- Nutrition/Weight Management
- Wellness Program Design
- Personal Training
- Physical Therapy Skills

### **Potential Careers:**

- Fitness and Wellness Sales
- Personal Trainer/Coach
- Physical Therapy Aide

### **With additional education:**

- Exercise Physiologist
- Physical Therapist/ Occupational Therapist
- Strength Conditioning Specialist
- Athletic Trainer
- Physician's Assistant
- Chiropractor
- Public Health Worker

### **Certifications/Credentials:**

- PTAC (12 Points)
- CPR/First Aid (1 Point)
- OSHA Healthcare (1 Point)

**Students may earn up to six hours of cost-free college credit.**





# WELDING & FABRICATION



✓ **12-point**  
Pre-Apprenticeship  
credential

**WELDING & FABRICATION  
IS A NICHE INDUSTRY  
WITH A HIGH DEMAND**



## **Skills Learned:**

- Arc welding
- Oxy-acetylene cutting
- Tungsten inert gas welding
- CNC plasma cutting
- Blueprint reading
- Gas metal arc welding, short arc, spray pulse/flux core
- Stick metal arc welding

## **Potential Careers:**

- Welder
- Welding Technician
- Fabricator
- Welding Supply Representative
- Basic Robotics Programmer

## **Certifications/Credentials:**

- AWS (12 Points)
- Fanuc (6 Points)

**Students may earn up to nine hours of cost-free college credit.**

Welding & Fabrication is a program that teaches such a specific skill set that the demand for workers in this industry remains high year after year. With potential career pathways a welder, welding technician, fabricator, or welding supply representative, students have ample opportunities to advance directly into the workforce with

the experience necessary to perform the duties this industry requires. Students will learn in a hands-on environment and explore arc welding, blueprint reading, metal inert gas welding, and plasma cutting, oxy-acetylene welding and cutting, and tungsten inert gas welding.



**Advanced Placement:** The Advanced Placement program allows students to have an early release each day to report to a work site that aligns with their chosen career tech program at Apollo. Traditionally, students attend academic classes in the morning and are released mid-day. Release time is contingent on the students required academic/lab coursework being completed.

**To qualify for Advanced Placement a student must:**

1. Maintain a letter grade of a C or higher in all classes.
2. Must pass all safety tests.
3. Obtain recommendations from Career Tech Instructor(s).
4. Students must maintain a 92% attendance requirement.
5. Must have a valid Driver's License and their own transportation.
6. Be on track to graduate, including: passing of Webxams, and/or passing the industry credentials within their career tech program.
7. Successfully pass EOC's unless exempt.
8. Student activity dues and all other outstanding balances are paid.
9. All APEX (online classes) will need to be completed before students will be released for advanced placement.

**Senior Pre-Apprenticeship Program:**

This is the opportunity to work in an approved pre-apprenticeship work placement. All students who meet the eligibility criteria and who are enrolled in Apollo Career Center technical programs that can be certified apprenticeship trades, may request consideration for pre-apprenticeship status for their Senior year. For more information on this career path, a student should contact his/her Apollo Career Center Work Based Learning Coordinator. Students in Building and Renovations, Carpentry, Construction Equipment Technology, Electrical Systems Technology, HVAC, Robotics and CNC technology, and Welding/Fabrication are eligible for a 12-point Pre-Apprenticeship credential.

- Students who meet the eligibility requirements may begin work the summer before their Senior year and continue to work during the course of their Senior year as long as they are meeting the Ohio graduation requirements. This option is for those students who have met all of their academic requirements, or are meeting them outside the normal school day.
- Students attend school on a two-week rotating schedule. The schedule requires students to attend school for two weeks on a full-time schedule, followed by two weeks that the student reports to work on a full-time schedule.

**Senior Pre-apprenticeship Eligibility Requirements:**

1. Maintain 95% attendance while enrolled in a pre-approved career technical education program. Students may not miss more than 9 days of school.
2. "B" or better in their career technical education program and academics.
3. Pass all required career center testing (industry credentials, Webxam, etc.).
4. Have parent/guardian support and signed approval.
5. Demonstrate appropriate moral characteristics and professional appearance.
6. Receive a positive recommendation from their career technical educational instructor.
7. Have reliable transportation, a valid driver's license, and current auto insurance.
8. Students must have all school activity dues and outstanding balances paid.
9. Students must be on track for graduation.
10. Successfully passed EOC's, unless exempt.
11. All APEX (online classes) will need to be completed by the end of 1st semester.
12. Administration will review case by case.

**If a student fails to meet any of the eligibility requirements while they are in the Two-Week Rotating Program, they may be removed from the program.**



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Apollo Career Center does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Section 504 and Title IX, Sarah Jamison, Special Education Director, 3325 Shawnee Road, Lima OH, 45806, 567.950.3882, [sarah.jamison@apolloc.org](mailto:sarah.jamison@apolloc.org)



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