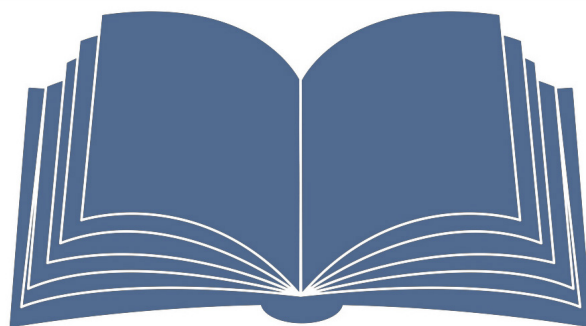


Four County Career Center

**CAREER
PLANNING
GUIDE**

**OPEN A NEW CHAPTER
IN YOUR CAREER**



2022 -2023

High School Programs

Welcome to Four County Career Center

Welcome to Four County Career Center serving as an extension of 22 area high schools and offering skilled training in the fastest growing careers in this decade and beyond! We're here to help you take advantage of the amazing careers that are out there.

Here's how it works:

Work with the best! Experience nationally recognized curriculum taught by industry experts using advanced technology and equipment.

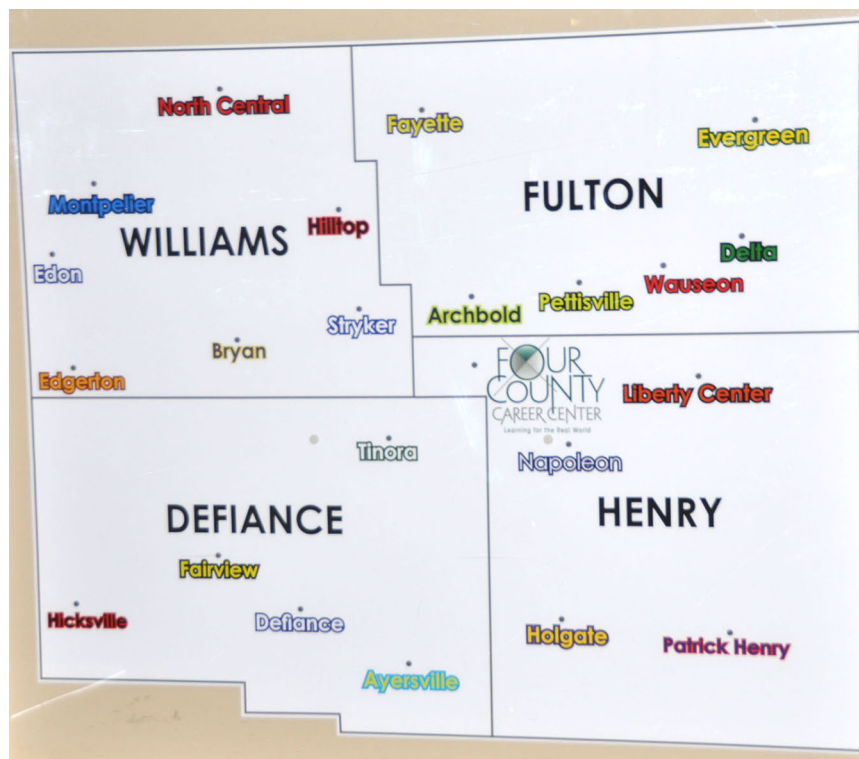
Experience the best of both worlds! Participate in associate high school activities while learning skills for a lifetime.

Learn more, earn more! Use your career tech experience to fund further education such as college or advanced career training.

Do more! Prepare for immediate employment and further education while in high school. The purpose of this Career Planning Guide is to help prospective students and their parents better understand the educational opportunities that are available at the Career Center.

Four County Career Center is the place to learn your academics, acquire the real skills of your profession and get ready for college or employment. Four County is the place to prepare for your future!

The Route to Your Future



22-900 State Route 34, Archbold, Ohio 43502
419-267-3331 or 800-589-3334



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General Information

Mission Statement

Four County Career Center provides quality career technical and academic education to learners of all ages.

How to Enroll

For the 2022-2023 school year, all applications must be submitted online and require parent approval. Applications will be available December 1, 2021 at www.fourcounty.net. Please see your associate school counselor or contact Four County Career Center Student Services Department at 419-267-3331, Ext. 2701.

Admission Requirements

Students must be enrolled in one of the 22 associate schools in order to apply. Home-schooled students may apply with intent to enroll in an associate district for the 2022-2023 school year.

Applicants must be entering either their Junior or Senior year of high school, with no less than eight (8) total credits at the end of the Sophomore year. Five (5) of the eight (8) credits must be from the following core courses: English, math, science, and social studies. At the time of application, students must have 6.5 total credits, with four (4) of those being core academic credits after a minimum of three semesters of high school. Your associate school must provide an official transcript verifying the credits.

In addition to the minimum credit requirements listed above, several of our programs have unique admission requirements. (See individual program descriptions in this guide for details.)

Credits

Students have the opportunity to earn seven credits each year upon successful completion of their program, academics and electives in a full-time schedule. All credits are granted by the students' associate, diploma-granting school.

Fees to Attend the Career Center

All programs require the purchase of uniforms. Additional fees for student handbook, technology usage, program tools/supplies will vary by career and technical program. Cost sheets with complete program fees are made available to students at Orientation in the Spring.

Campus Wear

To project a professional appearance, prepare students for the workplace requirements, and foster program identity and pride, each Four County Career Center program has selected an appropriate uniform for that career field. Career Center students are required to purchase their program's selected uniform, keep it clean and in good condition, and wear it during the entire school day.

Transportation

School hours are 8:45 a.m. to 3:00 p.m. Each associate school provides bus transportation for the students attending Four County Career Center. Students may also drive their own vehicles; all vehicles are required to be registered and have a Four County Career Center parking permit in plain view while parked on school property.



General Information

A Typical Daily Schedule

One-half day is spent in a laboratory setting for each specific program. One-half day is spent in academic, related and elective courses.

Attendance

Attendance is one of the most important qualities employers consider when hiring.

Attendance is one of the criteria used to determine if and when a student may be eligible for the Job Placement Program.

Certificate of Completion

A career and technical Certificate of Completion serves as formal documentation of a student's training at the Career Center, and is issued to students who have met program requirements. The Certificate is a useful tool in the job search process and is an integral part of the Career Passport. The Career Passport is designed to be used as a professional portfolio and is issued to students at the Recognition Day Ceremony.

Athletics and Extracurricular Activities

Students attending the Career Center can continue to participate in athletics and extra-curricular activities at the associate school. In addition, opportunities exist at the Career Center to participate in additional activities.

Job Placement

The Job Placement program is an opportunity permitting outstanding Four County Career Center students to begin working prior to graduation. Students are excused from classes for one-half of the school day. Eligibility is based upon work habits, grades, attendance and attitude. All students must be a senior in a two-year career and technical program and must have approval to participate from their program instructor and supervisor.

Bridge Program

The Bridge Program allows students the opportunity to work for an employer starting during the Summer months and continuing that employment throughout the senior school year while earning class credit towards graduation.

One-to-One and BYOD

Four County Career Center has implemented 'One-to-One Learning' and 'BYOD' (Bring Your Own Device) computer programs where each student will receive a chromebook for their use during enrollment at the Career Center or bring their personal laptop or tablet from home. Students will use them for educational applications and school activities in the classroom.

The Career Center is a wireless zone where the students have controlled access to the internet for research. Each student will be assessed a Technology Fee per semester at the beginning of each school year. The purpose of the student Technology Fee is to enhance the educational programs of students through the use of information technologies.

Student Activities

At Four County Career Center students can be a part of many organizations, take advantage of great leadership opportunities, and engage in tons of student activities. In fact, every student in a career & technical program is automatically a member of a Career & Technical Student Organization. These groups offer direct connections to students' careers, plus opportunities for leadership, competitions, awards--and fun!



Business Professionals of America -
serving students in the areas of business technology



Drug Free Clubs of America -
helping students make wise choices



Family, Career & Community Leaders of America -
serving students in the areas of consumer economics



FFA -
serving students in the agricultural fields



HOSA Future Health Professionals -
serving students in the health care industry



National Technical Honor Society -
students who excel in their career program and academic areas may become eligible for membership



Skills USA -
serving students in the areas of trade and industry



Student Council -
students play a vital role in school activities



Student Services

Student Counseling Services

Four County Career Center has four School Counselors that are available to students and their parents. School counseling services include:

- * Promoting students' academic, personal, social and career development.
- * Assisting in course planning with associate schools, students and parents for academic credit towards graduation.
- * Helping students search for colleges or other post-secondary education programs.
- * Securing information on college scholarships and financial aid.
- * Assisting students and their families in admissions, transfers and withdrawals.
- * Serving as a liaison for principals, teachers, students and parents.
- * Following a code of ethics and privacy in dealings with students and parents.

Student Support Services

Four County Career Center offers several options for all students to get assistance with their education needs:

- * Extra Help - several academic teachers make themselves available before and after school to provide assistance.
- * MAP - students that are Missing Assignment Papers due to either an absence or just not turning them in may get referred to MAP during their lunch in order to complete the assignments for credit.

Special Education Services

Four County Career Center is committed to serving students with disabilities and helping them unlock their full potential. The professionals at Four County Career Center and the associate schools, along with the parents and students, work together to determine the best individualized education program.

The process often begins with a career assessment, consisting of interest inventories, aptitude testing and observations to help determine career options. A team of Four County Career Center and associate school staff meet to consider these results along with other pertinent information to determine the most appropriate program placement. **Best practice dictates that a Four County Career Center representative be involved in the IEP/transition meeting in which the placement decision is made.**

Four County Career Center offers a continuum of services/programs to individually meet the wide spectrum of student needs, from the mild to intensive intervention. If placement in a typical career and technical program is deemed appropriate, the services of a Vocational Special Education Coordinator (VOSE) are available to students to provide program accommodations/modifications as determined in the IEP or 504 plan. For students requiring more intensive assistance, Work Transitions and Job Training programs are available.

Career Fields

<u>Programs</u>	<u>Academic Admission Requirements</u>	<u>College Credit Plus</u>
Accounting and Business Management.....	No	Yes
Agricultural Diesel Mechanics	No	No
Auto Collision Repair.....	No	No
Automotive Technologies	Yes	No
Building Trades/Carpentry.....	No	No
Career Based Intervention	No	No
Chef Training.....	No	No
Computer Design/3D Modeling	Yes	Yes
Cosmetology	Yes	No
Culinary Arts Management.....	Yes	No
Diesel Mechanics	No	No
Early Childhood Education.....	Yes	No
Electrical.....	Yes	No
Exercise Science and Sports Medicine.....	Yes	No
Fire and Rescue.....	No	No
Floral Design	No	No
Guest Services and Skills	No	No
Health Careers	Yes	Yes
Industrial Services.....	No	No
Interior Design.....	No	No
I.T. Academy		
Computer Networking and Cybersecurity	Yes	Yes
Computer Programming and Game Design	Yes	Yes
Job Training.....	Yes	No
Landscape and Greenhouse Technologies.....	No	No
Law Enforcement and Security Tactics	Yes	No
Mechanical Systems and Piping	No	No
Medical Office Technologies	No	No
Powersports	No	No
Specialized Mechatronics and Robotics Technology	Yes	Yes
Veterinarian Assistant.....	Yes	No
Visual Art and Design.....	No	No
Welding Fabrication	Yes	No

Some programs have articulated agreements with community colleges and technical schools. Please check with program instructor/career and technical supervisor for details.

Career Plan of Study

This plan of study should serve as a guide, along with other career planning materials, as students continue their career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements and college entrance requirements, if applicable.

High School

9th Grade

English I
Algebra I or Geometry
Physical Science or
Biology I
Geography/
State History

Required Courses/ Electives

PE, Health, Art,
Foreign Language,
or Computer
Technology

10th Grade

English II
Geometry or Algebra II
Biology I or
Chemistry I
World History

Required Courses/ Electives

PE, Health, Art,
Foreign Language,
or Computer
Technology

11th Grade

English III
Algebra II, Trigonometry
or Pre-Calculus
Chemistry, Anatomy &
Physiology or
Environmental Science
American History

Career & Technical Programs

Accounting and Business Management
Agricultural Diesel Mechanics
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Career Based Intervention
Chef Training
Computer Design/3D Modeling
Cosmetology
Culinary Arts Management
Diesel Mechanics
Early Childhood Education
Electrical
Exercise Science and Sports Medicine
Fire and Rescue
Floral Design
Guest Services and Skills
Health Careers
Industrial Services
Interior Design
I.T. Academy - Computer Networking and Cybersecurity
I.T. Academy - Computer Programming and Game Design
Job Training
Landscape and Greenhouse Technologies
Law Enforcement and Security Tactics
Mechanical Systems and Piping
Medical Office Technologies
Powersports
Specialized Mechatronics and Robotics Technology
Veterinarian Assistant
Visual Art and Design
Welding Fabrication

12th Grade

English IV
Advanced Math,
Financial Algebra,
Applied Mathematics
for Careers
Advanced Sciences
Economics/Government

Post-Secondary

Articulation Agreements

Northwest State Community College
Owens Community College
The Ohio State University/ATI
The Art Institute of Pittsburgh
University of Toledo - College of Health and Human Services

Davis College
ITT Technical Institute
Lincoln Technical Institute, Inc.
University of Northwestern Ohio

Career Enhancement Options

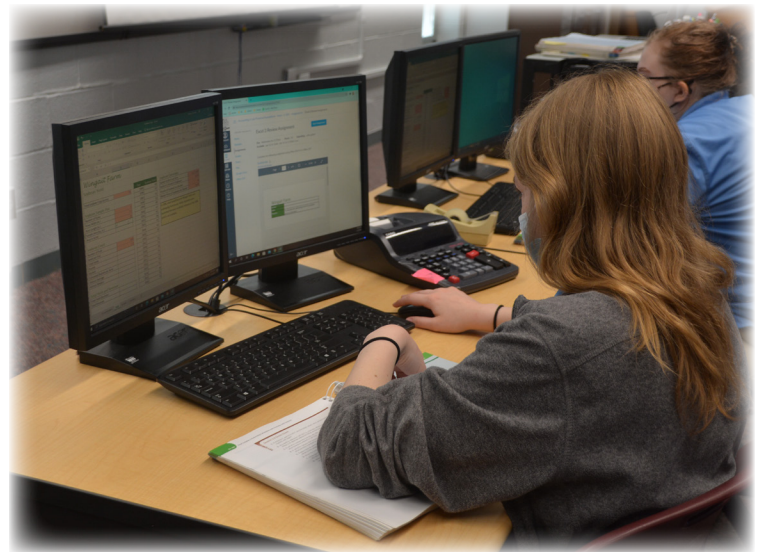
Work-Based Learning Options

Internship/Mentorship Job Placement
Bridge Program Apprenticeship

BUSINESS AND ADMINISTRATIVE SERVICES/FINANCE

Accounting and Business Management

The program is designed to give students the business knowledge and critical thinking skills necessary to compete for employment in the 21st century. Students participate in professional team projects, individual competitions, and interactive simulations in order to gain real-world knowledge on topics like accounting, finance, management, ethics, and general business practices.



Career & Technical Skills:

- Experience a wide range of businesses, financial applications, and strategies for sound business and financial management
- Work individually and in a professional team environment while running the ongoing financial needs of a company simulation
- Use the same hardware and software as business financial experts

Junior and Senior Years -

- Accounting Skills
- Accounting Software, Quick Books
- Business Management
- Business Fundamentals
- Business Law
- Microsoft Office Suite
- Financial Management
- Investing, Banking
- Insurance and Customer Service
- Business Professional Skills
- Human Resources
- Marketing
- Professional Skills/Soft Skills

Career Focus:

Prepared for further education and immediate employment in the business field

Industry Recognized Credentials:

- National Retail Federation Foundation - RISE Up

College Credit Plus Opportunities:

- College credit offered junior and senior years (Business 101; Financial Accounting; Managerial Accounting; Payroll Accounting; Business Management; Marketing, and more...)
- Instructor meets qualifications set by Ohio Dept. of Higher Ed. to teach business courses for college credit and is an instructor at Northwest State Community College

Further Education:

- Two-year technical degree in business management or office accounting
- Four-year degree in business administration or accounting
- 21 career paths already in place with Northwest State Community College, and other degree options are also available

Youth Leadership Organizations:

Business Professionals of America (BPA)

Did You Know.....

business is #3 of the top ten college majors for 2021? The Bureau of Labor Statistics projects 5% growth from 2019-2029, which is faster than average for all occupations. Every organization needs leaders who understand how to solve real-world problems in business!

Average yearly salary in this field:

\$45,000
With Bachelor Degree \$63,000 (Business Adm.)
\$54,000 (General Business)

Where do you want to go?

Accounting Department, Forensic Accountant, Public Relations Manager, Customer Service Representative, Small Business Operator, Purchasing Agent, Intelligence Specialists, Office Management, Accounts Receivable or Payable Assistant, Auditing Clerk, Payroll Department, Financial Planning Assistant, Cost Estimator, Business Manager, Internal Revenue Agents, Logistics, Human Resources, Insurance Agent, Realtor, Event Planner

AGRICULTURAL AND ENVIRONMENTAL SYSTEMS

Agricultural Diesel Mechanics

Agricultural Diesel Mechanics offers training in farm equipment including tractor engines and electrical systems. Students will learn basic welding skills and how to service, repair and maintain agricultural equipment.

Career & Technical Skills:

- Troubleshoot, repair, and overhaul gas and diesel power-driven machinery and equipment
- Service engines, farm tractors, and heavy construction equipment
- Use the same equipment and techniques as professional mechanics

Junior Year -

- Assemble Equipment
- Small Engine Service
- Use Measuring Devices
- Repair Bearings & Seals
- General Maintenance of Tractors
- Repair Clutches & Brakes
- Welding and Fabrication
- Starting & Charging Systems

Senior Year -

- Service Diesel Fuel Systems
- Repair Hydraulic Systems
- Maintain Hydraulic Systems
- Repair Drive Axles
- Service Cooling Systems
- Repair Transmissions
- Recondition Equipment
- Overhaul Engines

Career Focus:

Prepared for further education and immediate employment in equipment maintenance

Further Education:

- Technical training
- Two-year degree in farm equipment technology
- Four-year degree in environmental restoration

Youth Leadership Organizations:

FFA (National FFA Organization)



Did You Know.....

the agricultural production industry is Ohio's number one industry?

Average yearly salary in this field:
\$44,325

Where do you want to go?
Farm Machinery Mechanic, Parts & Serviceperson, Diesel Mechanic, Construction Equipment Operator & Mechanic, Salesperson for Ag & Industrial Equipment, Welding & Fabrication Specialist

TRANSPORTATION SYSTEMS

Auto Collision Repair

Auto Collision Repair and refinishing on today's high-tech automobiles is a challenging and rewarding career. Repairing a damaged vehicle is a fascinating mixture of art and science combined with the use of specialized equipment and the skills of the technician.



Did You Know.....

trained collision repair/automotive refinish technicians are in high demand due to changes in the way cars are designed, built and finished today? Jobs in this \$30 billion industry are on the increase.

Career & Technical Skills:

- Assess, estimate, repair, and refinish the exterior of damaged vehicles
- Straighten and replace damaged parts using modern welding, sanding, masking, and painting procedures
- Utilize the same advanced equipment and techniques found in professional auto collision repair companies

Junior Year -

- Tools & Equipment Use in Field
- Minor Body Repair
- Refinishing
- Welding
- Panel Replacement
- I-Car Training Curriculum
- Custom Painting

Senior Year -

- Major Collision Repair
- I-Car Training Curriculum
- Frame Repair (Unibody & Conventional)

Career Focus:

Prepared for further education, certifications, and immediate employment in auto body repair

Industry Recognized Credentials:

- I-Car Training and Certification

Further Education:

- Apprenticeships
- Two- or four-year technical degree in automotive technology

Youth Leadership Organizations:

Skills USA

Average yearly salary in this field:

Up to \$100,000

Where do you want to go?

Body Repair Person, Paint Sales Representative, Dealership Parts Person, Body Shop Management, Insurance Adjuster/Customizer, Auto Frame Alignment Technician

Career & Technical Skills:

- Diagnose, maintain, and repair a wide range of vehicles
- Use the same equipment and techniques as professional technicians
- Work side-by-side with ASE certified technicians

Junior Year -

- Shop & Equipment Safety
- Basic Electrical
- Hand Tool Knowledge
- Ignition
- Metric & Standard Fastner Identification
- Engine Operation
- Charging & Starting Systems
- Basic Auto Service Procedures
- Battery Operation
- Brake Operation
- Fuel Systems

Senior Year -

- Computerized Equipment
- Advanced Electrical
- Suspension & Steering
- Tune-up Procedures
- Troubleshooting

Career Focus:

Prepared for college in an advanced auto tech program or related field, advanced certifications, and immediate employment

Admission Requirements:

- On track for graduation

Industry Recognized Credentials:

- Successful completion of the program and on-the-job experience prepare the graduate to take the ASE (Automotive Service Excellence) End of Program Examination.
- Opportunity to take up to ten Student ASE Exams

Further Education:

- ASE certification and technical training
- Apprenticeships
- Two- or four-year technical degree in automotive technology
- More and more students take two-year post-secondary route to further training, more education and training increases pay scale accordingly.

Youth Leadership Organizations:

Skills USA

TRANSPORTATION SYSTEMS

Automotive Technologies

Equipped with the latest testing and diagnostic equipment, Automotive Technologies students can take the ASE certification tests in their senior year. Program completers can diagnose and repair all electrical and mechanical malfunctions in an automobile.



Did You Know.....

job openings are always there for students with adequate knowledge, training, and work ethics? New engineering ideas continue to bring new systems to today's cars requiring more training to repair.

Average yearly salary in this field:

Pay is only limited by how much you want to learn

Where do you want to go?

New Car Dealership's Technician, Parts Salesperson, Service Department Technician, Service Station Technician, Self-employed Technician, Private Garage Technician

CONSTRUCTION

Building Trades/ Carpentry

Due to the shortage of skilled trades people, carpentry is a popular career choice. The class provides students with the opportunity to be in Early Placement during their senior year. During the program, students are involved in projects including home construction.



Career & Technical Skills:

- Interpret blueprints, specifications, and construct wood products and structures from rough lumber to finish grade
- Safely operate a wide range of hand, power, and air tools
- Build a residential house from the ground up

Junior Year -

- Blueprint Reading
- Safe and Proper Use of Hand and Power Tools
- Wall/Floor/Ceiling/Rafter Layout & Framing Process
- Concrete
- Safety Procedures in the Industry
- Shingles and Siding

Senior Year -

- Interior/Exterior Finish
- Up-to-date Carpentry Methods
- Application of New Materials
- Wall, Roof and Floor Framing

Career Focus:

Prepared for immediate employment in construction and further education

Further Education:

- Apprenticeship opportunities through the National Center for Construction Education and Research
- Technical Training

Youth Leadership Organizations:

Skills USA

Did You Know.....

during their second year of training at the Career Center, students put to use their basic construction skills to build a new house from the ground up?

**Average yearly
salary in this
field:**
\$40,000 - \$80,000

Where do you want to go?
Carpentry, Roofer, Siding Applicator,
Painter, Cabinet Installation,
Construction Foreman, Construction
Salesperson, Remodeling Contractor,
Dry Wall & Cal-Board Applicator

Career & Technical Skills:

- Problem Solving and Preparing for a Career
- Communicating Effectively
- Applying Technology
- Working Responsibly
- Planning and Managing a Career
- Managing Resources
- Credit Recovery
- Graduation

Industry Recognized Credentials:

- CPR & AED Certification
- OSHA - 10 Hour Training
- Rise-Up - Retail Industry Fundamentals
- Rise-Up - Customer Service and Sales
- Telephone Doctor

Admission Requirements:

- 8 total credits including 5 core credits at the end of the Junior year

Further Education:

- On-the-job training
- Two- or four-year degree programs

CBI Sponsored Competition:

Knowledge Bowl

CAREER BASED INTERVENTION

Career Based Intervention

Student needs are met by providing appropriate and effective instruction, by active learner engagement and by relating subject matter to life and work. The learning is further validated through the inclusion of paid work experiences and service learning. This program is a one-year program.



Average yearly salary in this field:
Varies

Where do you want to go?
Management, Sales, Office Staff, Food Industry, Military, Entry Level Positions in Manufacturing, Automotive, Hospitality, Maintenance and Other Fields

HOSPITALITY AND TOURISM

Chef Training

Career & Technical Skills:

- Produce and follow recipes from American and International Cuisine
- Organize, prepare and serve meals for in school and off premise events and functions
- Work side by side with a professional chef and culinary management students in a restaurant operation

Junior & Senior Years -

- Orientation to Industry
- Safety & Sanitation
- Equipment (identify & use)
- Knife Skills
- Product (identify & use)
- Cooking Techniques - Fry, Grill, Saute, Broil
- Bakeshop Basics
- Salad Bar Operation
- Measurements & Scales
- Sandwich Preparation
- Organization & Inventory Control
- Breakfast Foods
- Deli Operation Basics
- Internet Recipe Research
- Professionalism & Work Ethic
- Public Interaction Basics
- Personal Hygiene
- Banquet Setup & Operation
- Holiday Food Production

Career Focus:

Prepared for professional culinary program, immediate employment, and further education

Industry Recognized Credentials:

- Serve Safe Certification

Further Education:

- Two- or four-year technical degree in this field

Youth Leadership Organizations:

Family, Career and Community Leaders of America (FCCLA)

The students in the program get hands on experience in restaurant cooking and service skills while working in the Cornet Four Star Cafe at the Career Center. They work in all aspects of a food service operation including buffets, large scale projects and public customer service.



Did You Know.....

nearly 40% of Americans will work in a restaurant at some point during their life?

Average yearly salary in this field:

\$32,000
(depending on experience and location)

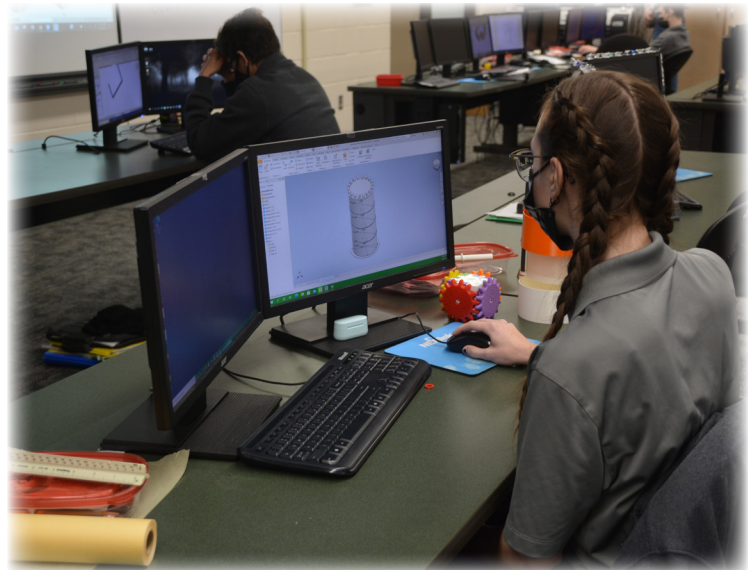
Where do you want to go?

Waiter/Waitress, Line Cook, Caterer, Baker, Grocery Store Employee (i.e. Deli, Produce Department, Meat Department, Baker)

MANUFACTURING AND ENGINEERING/ SCIENCE TECHNOLOGIES

Computer Design/ 3D Modeling

This program will train students in communicating design information through the use of computer-generated drawings, and three dimensional models. Students learn to use various types of precision measuring tools, hand drawing tools, mechanical and architectural scales, and become efficient with 2D & 3D CAD software.



Career & Technical Skills:

- Visualize, create, and construct complex 3D models for architectural and industrial design
- Research and use formal design process to create schematic, development and final design plans and products
- Use the same design, drafting, and 3D modeling technologies as professional architects and engineers

Junior Year -

- Sketching, Lettering and Measuring
- Geometric Construction
- Orthographic Projection
- Sectional and Auxiliary Views
- Architectural Drawing
- Pictorial Drawings
- Basic Dimensioning
- 2D CADD Skills
- Use AutoCAD, Inventor & Revit
- 3D Modeling and Assemblies
- Simple Animations
- 3D Printing

Senior Year -

- Patterns and Developments
- Assembly Drawings & Reverse Engineering
- Geometric Dimensioning and Tolerancing
- Welding Drawings
- Fastener, Spring, Cam, and Gear Drawings
- Precision Measuring
- Advanced CADD Skills & 3D Printing
- Senior Design Project

Career Focus:

Prepared for college in engineering, architecture, and 3D modeling and printing

Admission Requirements:

- Minimum Math upon entry to the program is Algebra I

Recommended for Placement:

- Helpful if students have successfully completed Geometry prior to program enrollment

College Credit Plus Opportunities:

- College Credit Plus for CAD II and CAD III

Further Education:

- Two-year technical degree in various engineering and architectural technologies
- Four-year degree in engineering, architecture, and visual communications

Youth Leadership Organizations:

Skills USA

Did You Know.....

using computer aided drafting software, designers prepare technical drawings and plans used by production and construction workers to build everything from spacecraft and industrial machinery to office buildings to oil pipelines?

Average yearly salary in this field:
\$50,000 - \$70,000

Where do you want to go?
Architect, Technical Illustrator, Mechanical Designer, Engineering (Mechanics, Structural, Electrical, Civil, Industrial)

Career & Technical Skills:

- Evaluate, recommend, and create hair designs to exceed client expectations
- Use advanced techniques to deliver a wide range of skin care and nail treatments
- Experience a full-service interactive salon environment

Junior Year -

- Manicuring
- Basic Chemistry
- Electricity & Light Therapy
- Scalp and Hand Massage
- Braiding & Extensions
- Communication Skills
- Professional Image
- Eyebrow Waxing & Tweezing
- Anatomy of Body
- Chemicals/Relaxing of Hair
- Shampooing
- Scalp Disorders
- Hair Design
- Hair Coloring
- Sanitation
- Highlighting
- Facial Makeup
- Permanents
- Facials
- Pedicuring
- Hair Cutting

Senior Year -

- Employability
- Business Operations
- Compensation
- Customer Service
- Salon Expenses
- Retail
- History & Opportunities
- Salon Ownership
- Insurance
- Analyzing Salon Location Area
- Financial Record Keeping
- Business Math
- Supervision/Management Duties
- Advertising: Media, Costs & Benefits
- Lease Agreements
- Regulations/Zoning
- Business Laws
- Ohio Laws & Rules
- Inventory
- **Hair Show at Cost**
- **Extension Certification at Cost**
- **Airbrush Makeup at Cost**

Career Focus:

Prepared for immediate employment in a salon/day spa, advanced licensure, and further education

Admission Requirements:

- Admission will be given to students who are on track for graduation, successfully earned 2 credits of science (1 credit Biology) with a **passing grade**, and cumulative GPA of **2.0** or better
- Cosmetology kits must be ordered by June 28 of current school year
- Students must show proof of legal residency in the United States (Social Security Card, Green Card, Visa)

Industry Recognized Credentials:

At the end of the senior year, students meeting specified criteria will be eligible for the Ohio State Board Licensing Exam

Youth Leadership Organizations:

Skills USA

HUMAN SERVICES

Cosmetology

The two-year Cosmetology program provides students with the opportunity to master various skills of the beauty industry. Under licensed instructor supervision, clients have the opportunity to receive services during regular school hours so that students gain experience in the profession.



Did You Know.....

private beauty schools can cost a total of \$20,000-\$30,000?

Where do you want to go?

Salon Stylist, Haircolor Specialist, Wig & Extension Specialist, Retail Specialist, Skin Care Specialist/ Esthetician, Makeup Artist, Hair Stylist for TV, Movies/Theater, Design Team Member, Nail Technician/Manicurist, Day Spa Stylist/Technician, Salon Manager, Salon Owner, Product Educator, Cosmetic Chemist, Platform Artist, Advanced Practice Licensure/Educator

Average yearly salary in this field:

\$22,500-\$70,000
(Job Placement After Receiving License)

HOSPITALITY AND TOURISM

Culinary Arts Management

Students get hands on experience designing, organizing, managing and overseeing the full operation of a commercial kitchen and dining room. They will learn skills designed and tailored to becoming a manager in a kitchen, dining room or other food service operation. Aspects of nutrition, menu design and high level cooking/ baking techniques are all included in this fast paced, student led program.



Did You Know.....

the restaurant industry is the largest employer in the U.S.?

Career & Technical Skills:

- Create gourmet foods, cakes, and pastries with artistic presentation
- Plan, prepare, and serve meals for upscale events and casual dining
- Work side-by-side with a professional chef in restaurant operation

Junior & Senior Years -

- Orientation to Industry
- HACCP & Serve Safe Management Certification
- Equipment Identification, Use & Maintenance
- Knife Skills
- Product (Identify & Use)
- Cooking Methods and Technique
- Baker & Pastry Arts Principles & Technique
- Nutrition
- Culinary Math, Food Costing & Conversion
- Dining Room Service & Management
- Purchasing & Inventory Control
- Personnel Systems & Staff Assessment
- Event Planning
- Menu Planning & Design
- Cash Register Operation & Control
- Catering - On Premise & Off Premise
- Restaurant/Kitchen Design & Layout
- Service Styles
- State Culinary Competition

Career Focus:

Prepared for professional culinary program, immediate employment, and further education

Admission Requirements:

- Admission will be given to students who are on track for graduation, passed Algebra I with a "C" or better; and cumulative GPA of 2.0 or better

Industry Recognized Credentials:

- Serve Safe Certification

Further Education:

- Two- or four-year technical degree in this field

Youth Leadership Organizations:

Family, Career and Community Leaders of America (FCCLA)

Average yearly salary in this field:

\$45,000-\$50,000
(depending on experience and location)

Where do you want to go?

Chef, General Manager of Restaurant Chain, Dining Room Manager, Food Service Supervisor, Pastry Chef, Purchasing Agent

TRANSPORTATION SYSTEMS

Diesel Mechanics

Career & Technical Skills:

- Diagnose, repair, and maintain a wide range of light and medium duty trucks, semi trucks, and trailers
- Operate an on-site truck repair facility
- Use the same equipment and techniques as professional mechanics

Junior Year -

- Measuring Skills Using Tape Measures & Micrometers
- Air Brake & Hydraulic Brake Repairs
- Engine Components & Repair
- Trailer Repairs to Suspension, Frames, Flooring & Light Systems
- Tire Mounting
- Engine Reconditioning

Senior Year -

- Complete Air Flow System on Air Brakes
- Air Conditioning & Heating
- Transmission & Differential Components
- Engine Tune-ups
- Electrical Systems Including Electronics
- Diesel Engine Reconditioning

Career Focus:

Prepared for immediate employment, certifications, and further education

Further Education:

- Technical training
- Two-year degree in diesel technology, farm equipment technology
- Four-year degree in specialized technician

Youth Leadership Organizations:

FFA (National FFA Organization)

Diesel Mechanics offers special training in semi-tractor & trailer and light & medium duty diesel repair along with extensive training in air brake systems. Students will learn about preventive maintenance, engine and drive-train repair, and suspension systems. Metal fabrication involving welding and cutting is a vital part of the training.



Did You Know.....

the heavy truck industry has changed with the addition of electronic engines/transmissions? Almost every system on the semi tractor is controlled by a computer. There is an increasing demand for skilled mechanics in the industry.

Average yearly salary in this field:
\$40,000

Where do you want to go?
Mechanic at Trucking Company/
Dealership, Servicing Heavy Equipment, Parts Person, School Transportation Supervisor, Trailer Repair Shop, School Bus Mechanic, Air Condition Technician, Medium & Light Duty Diesels

Career & Technical Skills:

- Create, research, and provide for children developmentally appropriate preschool materials
- Regularly operate a state-certified preschool
- Prepare young children for Kindergarten

State Approved Courses -

- Health, Safety, and Nutrition
- Classroom Management
- Early Childhood Education Principles
- Early Childhood Education Observation and Assessment

Junior Year -

- Health, Safety, and Nutrition for Children
- State Licensing Requirements for Child Care Facilities
- Classroom Management
- Development of 3, 4, and 5 Year Olds
- Social, Emotional, Intellectual and Physical Development of Children

Senior Year -

- Observation and Assessment
- Parent Involvement
- Early Childhood Education Principles
- Field Trips for Young Children
- Infant/Toddler/School Age Development

Career Focus:

Prepared for college in a teaching career, advanced certifications, and immediate employment as a preschool aide

Admission Requirements:

- Physical exam
- Signed conviction statement
- Preference will be given to students who have a 2.5 GPA or higher
- Minimum of 2.0 GPA
- Good communication skills (reading/speaking)
- Successfully passed English 9 & 10 with a "C" average or higher
- Background Verification Check

Industry Recognized Credentials:

- CPR First Aid
- Child Abuse Awareness and Prevention
- Communicable Disease Prevention
- CDA - Child Development Associate Credential

Further Education:

- Nanny school
- Two- or four-year degree in early childhood education

Youth Leadership Organizations:

Family, Career and Community Leaders of America (FCCLA)

EDUCATION AND TRAINING

Early Childhood Education

Students in the program gain knowledge of teaching strategies, developmentally appropriate practices, and state content standards for children from birth to school age. Students apply skills learned in the classroom in our on-campus preschool-child care center. Opportunities are provided for students to receive experiential training in local child care centers, special education facilities, and elementary classrooms.



Did You Know.....

with the universal preschool standards becoming a possibility in all 50 states, the prospects of employment in the early childhood field will be more predominant?

Average yearly salary in this field:
\$28,866

Where do you want to go?
Infant/Toddler Teacher/Assistant, Nanny, Preschool Teacher/Assistant, Special Needs Assistant, Headstart Teacher Aide, Kindergarten-Grade Three Teacher's Aide, Family Day Care Provider

CONSTRUCTION

Electrical

In this exciting and challenging field, students prepare for electrical careers in residential, industrial and commercial.



Career & Technical Skills:

- Design, stage, and install commercial, industrial, and residential wiring from “rough in” to “finish”
- Use logical thinking and math to interpret blueprints, layout design, and program equipment
- Troubleshoot analog and digital circuits for safe and efficient operation

Junior Year - Residential

- Wire Design & Safety
- Fixture Installation
- Service Entrances
- Low Voltage Wiring
- Theory
- Wiring Maintenance
- Basics of Electricity
- Sheds & Small Outbuildings

Senior Year - Commercial

- Testing of Electrical Circuits
- Working with Motor Controls
- Installing Conduit
- Program/Troubleshoot
- Computing Wire Sizes
- PLC (Programmable Logic Controller)
- Wire Housing Project On-Site
- Robot
- Industrial/Commercial
- Motor Repair Station

Career Focus:

Prepared for immediate employment with an electrical contractor, apprenticeship completion, advanced certifications, college or further education

Admission Requirements:

- Preference given to students who have passed Algebra I with a “C” or better

Industry Recognized Credentials:

- NCCER One Year Apprenticeship
- Fork Lift License

Further Education:

- Apprenticeship opportunities through the National Center for Construction Education and Research
- Technical training
- Two-year degree in electrical/electronic technology
- Four-year degree in electrical engineering
- First Energy/Owens Lineman Program
- Articulation Agreement with Northwest State Community College and Hocking College

Youth Leadership Organizations:

Skills USA

Did You Know.....

approximately 8% of all electricians are self-employed? Increased installation of robotics in factories is expected to stimulate the demand for electricians in the future.

Average yearly salary in this field:
\$57,910

Where do you want to go?
Residential Electrician, Electrical Utility Repair Person, Industrial Electrician, Electrical Sales Representative, Electrical Wiring Inspector, Electrical Maintenance, Electrical Tool Repair, Electrical Engineer, Lineman/Substation Worker, Commercial Electrician

HEALTH SCIENCE

Exercise Science and Sports Medicine

This program is designed to prepare students with the knowledge base to easily transition to college or be prepared for a career in sports, fitness or allied health care field. Entry-level hands-on skills will enable students to become certified in strength training, sit for the group fitness certification test and also test to become a student athletic trainer aide.



Career & Technical Skills:

- Use physical therapy, injury recognition, and sports specific training to rehabilitate the physically active
- Coach and motivate patients, athletes, and clients using advanced exercise equipment and techniques
- Teach the importance of total fitness through the proper use of nutrition and exercise

Junior & Senior Years -

- Human Anatomy & Exercise Physiology
- Human Biomechanics & Applied Kinesiology
- Personal Fitness & Fitness Testing
- Nutrition & Weight Control
- Medical Terminology
- Health Screening
- Cardiorespiratory Fitness & Exercise
- Muscular Strength & Endurance
- Strength Training Program Design
- Flexibility
- Exercise Design
- Special Populations & Health Concerns
- Musculoskeletal Injuries
- Principles of Adherence & Motivation
- Communication & Teaching Techniques
- Business Development & Management
- Professional Ethics & Legal Guidelines
- Therapeutic Massage

Career Focus:

Prepared for college in exercise science, allied health care and other related fields

Admission Requirements:

- On track for graduation, preference given to those who have passed Biology & Algebra I with a "C" or better, and cumulative GPA of 2.0 or better

Industry Recognized Credentials:

- First Aid Certification
- CPR Certification
- AED Certification

Further Education:

- Certifying Exam/Testing for Physical Therapy Aide, Group Fitness Instructor, Personal Trainer, Specialty Instructor - spinning, pilates, aquatics, etc.
- Two- or four-year technical degree in aspects of the medical field, including physical, occupational or recreational therapist assistant, massotherapy, sports & fitness management, sports medicine, exercise physiology, physical education/health teacher, athletic trainer, nutrition & exercise science

Youth Leadership Organizations:

HOSA Future Health Professionals

Did You Know.....

with the nationwide interest in physical fitness and sports medicine, this career is expected to grow faster than the average? Trained, skilled and certified people will be in demand in this career field.

Average yearly salary in the Allied Health Care fields
\$17,380-\$55,560

Where do you want to go?
Fitness Trainer/Coach, Athletic Trainer, Exercise Physiologist, Physical Therapist's Assistant, Cardiac Rehabilitation, Strength Conditioning Specialist, Sports Psychologist, Health/Physical Education Teacher, Chiropractor

LAW AND PUBLIC SAFETY

Fire and Rescue

This program covers a wide range of firefighting, first responder, and emergency medical technician training including field experience. Students gain knowledge and skills in computer applications, student leadership, critical thinking and decision making as well as citizenship development and problem solving.



Did You Know.....

internships and job shadowing experience with local professionals will be available to qualified students? The instructor is trained, certified and active in the trade. Students will gain clinical experience in hospitals and departments when enrolling in this program.

Career & Technical Skills:

- Prepares you to experience the thrill of saving lives and fighting fires
- Operate firefighting and life-saving equipment
- Develop your mind and body through rigorous mental and physical training

Junior Year -

- Human Body
- Medical/Legal/Ethical
- Trauma Assessments
- First Responder
- Telecommunications
- Diversity/Disabilities
- Fitness
- First Aid-CPR

Senior Year -

- Emergency Medical Technician
- Emergency Response Driving
- Hospital Clinicals
- Firefighting I/Firefighting II
- Internships/Mentoring
- NIMS 100/700/200/800

Career Focus:

Prepared for immediate employment, further education, military

Admission Requirements:

- No student shall be admitted if under indictment or has been convicted of any: offense of violence, drug abuse, or sexual offenses, or any offense involving moral turpitude
- Qualifying Interview for Senior Program
- Physical Exam (Senior year)

Industry Recognized Credentials:

- Basic First Aid
- CPR Certification
- Emergency Response Driving
- National Emergency Management System (100/700/800/200)
- Stop the Bleed Certification

State Certifying Exams For: (Must meet state requirements)

- Emergency Medical Technician (Basic)
- Firefighter I
- Firefighter II

Further Education:

- Degree in fire science, emergency medicine, allied health, arson investigation, fire prevention

Youth Leadership Organizations:

Skills USA
Drug Free Clubs of America

**Average yearly
salary in this
field:**
\$32,000

Where do you want to go?
Public Service Agencies (Fire/EMS),
Private Sector

Floral Design

For those students who love plants and working both indoors and outdoors, America's "green" industry offers many varied job opportunities for motivated individuals.



Career & Technical Skills:

- Visualize, plan, and create unique floral designs
- Decorate and bring to life weddings, parties, proms, and special events
- Work side-by-side with an expert floral designer in a professional flower shop and greenhouse environment

Junior Year -

- Basic Floral Design
- Fundamentals of Marketing
- Commercial Floral Design
- Greenhouse Environment Control

Senior Year -

- Interior Plant Care
- Wedding Floral Design
- Advertising
- Retail Flower Shop Operation
- Promotion
- Contemporary Floral Design
- Interior Plantscaping
- Garden Designs

Career Focus:

Prepared for immediate employment and further education

Further Education:

- Two-year degree in retail floral design, greenhouse/nursery management
- Four-year degree in ornamental horticulture

Youth Leadership Organizations:

FFA (National FFA Organization)

Did You Know.....

there are approximately sixty florist shops in the four county area?

Average yearly salary in this field:
\$20,600

Where do you want to go?
Floral Designer, Landscape Designer, Greenhouse Plant Grower, Interior Plant Grower, Wedding Consultant, Plant Technician

HOSPITALITY AND TOURISM

Customer Services and Skills

This program prepares students with employability skills for an entry-level job within the community. In this particular program, students volunteer at local businesses within the four county area. Students gain first-hand experience by shadowing and receiving on-site job training at three different businesses. Customer Service also guides students through the process of obtaining a job by creating resumes, building references, filling out job applications, and conducting mock interviews. This program focuses on providing the opportunity for students to gain independence, practice entry-level employability skills, and building customer service relationships.



Did You Know.....

an entry-level job is a perfect way for workers to gain experience in a new field and learn the day-to-day workings of a company and industry? Everyone has to start somewhere and these positions are often the first step to a long and rewarding career.

Average yearly salary in this field:

Salaries depend on education, experience, and the ability to multi-task

Where do you want to go?

Laundry Services Personnel, Restaurant Services Personnel, Dishwasher, Retail Sales Associate, Warehouse Staff, Housekeeper, Stock Clerk, Etc.

Career & Technical Skills:

- Job Exploration Opportunities
- Employability Skills
- Guest Services and Skills

Junior Year -

- Introduction to Job Training
- Introduction to Customer Service
- Inventory Organization
- Laundry Services

Senior Year -

- Fundamentals in Job Training & Employability
- Office Cleaning
- Phone Skills
- Inventory Organization
- Retail & Office Assistant
- Laundry Services

Career Focus:

Prepared for immediate competitive employment in an entry-level job and further career training

Industry Recognized Credentials:

- CPR Certification
- First Aid Training

Youth Leadership Organizations:

Family, Career and Community Leaders of America (FCCLA)

HEALTH SCIENCE

Health Careers

Career & Technical Skills:

- Apply advanced healthcare concepts, processes and diagnostic procedures in a clinical environment
- Emphasis on medical skills, medical terminology, and anatomy/physiology
- Develop professional work ethic, communication skills, and patient/client care and confidentiality

Junior Year -

- Vital Signs
- Medical Abbreviations & Terminology
- EKG Basics
- Physical Therapy Assisting Skills
- Sterile Technique
- First Aid/CPR
- Infection Control
- Patient Care Skills
- Dental Basics
- Clinicals at Nursing Home
- Ophthalmic Skills
- Anatomy & Physiology (required Science course)

Senior Year -

- Medical Terminology
- Ethics & Law of Medicine
- Diseases/Disorders
- Death & Dying
- Assessment
- Psychiatric Disorders
- Structure and Function (A & P)
- Laboratory Skills & Phlebotomy

Career Focus:

Prepared for college in healthcare and immediate employment

Admission Requirements:

- On track for graduation, passed Biology & Algebra I with a "C" or better, and cumulative GPA of 2.5 or better
- Background Verification Check

Industry Recognized Credentials:

- First Aid Certification
- CPR Certification
- State Testing Nursing Assistant (STNA)
- Medical Terminology Course Certificate
- HIPAA Certificate
- 10 hour OSHA Certification

Further Education:

- Two- or four-year technical professional degree in aspects of the medical field, including registered nurse, licensed practical nurse, radiology technician, lab assistant and physical therapy

Youth Leadership Organizations:

HOSA Future Health Professionals

This exciting, fast-paced program prepares students for a career in the medical field directly after high school or after additional education and/or training. In the second year of the program students have the option of an advanced early placement, mentoring and college work experience if they meet the criterion, or senior lab with the opportunity for additional certification.



Did You Know.....

the health field is one of the fastest growing fields today? It offers exciting and challenging careers with great career opportunities starting with a two-year degree and advancing to a professional degree.

Average yearly salary in this field:
\$40,000-\$60,000

Where do you want to go?
Nurses (RN/LPN), Pharmacy Technician, Dental Assistance, Medical Assistant, Lab Assistant, Dental Hygienist, Radiology Tech, Physical Therapy Assistant, Phlebotomist

Career & Technical Skills:

- Provide ongoing property and building system maintenance and custodial services
- Work with cleaning equipment at commercial and industrial job sites
- Work independently and in teams to develop employability and job attainment skills

Junior Year -

- General Custodial Skills (sweeping, mopping, scrubbing floors, painting, recycling, carpet cleaning, and laundry)
- Car Detailing
- Buffing and Waxing Floors
- Landscaping and Lawn Maintenance
- Carpentry Projects - Tool Boxes
- Organizing and Storing Cleaning Material
- Basic Hand Tools and Fasteners
- Sanding/Painting

Senior Year -

- Advanced Custodial Skills
- Advanced Equipment Uses
- Advanced Wood Projects - Small Wooden Sheds/Storage
- Basic Plumbing, Electrical, and Drywall Repair

Career Focus:

Immediate employment in general maintenance and service industries

Youth Leadership Organizations:

Skills USA

CONSTRUCTION

Industrial Services

This program allows students to learn: general custodial/sanitation procedures, use and operation of custodial equipment, auto detailing, and general maintenance including plumbing, electrical, and basic fix-it items.



Did You Know.....

this field is listed in one of the top fifteen jobs for the next ten years in availability and salary?

Average yearly salary in this field:

Salaries depend on education, experience, and the ability to multi-task.
Minimum Wage - \$11.41/hour

Where do you want to go?

Factories, Restaurants, Nursing Home, Hospitals, Stores, Car Dealerships, Schools, Own Small Business

CONSTRUCTION

Interior Design

Career & Technical Skills:

- Create a wide range of dynamic environments for residential and commercial spaces
- Integrate various design elements, furnishings, and building materials to complete custom projects
- Produce an innovative professional portfolio

Junior Year -

- Elements/Principles of Design
- Etching Glass
- Color Theory
- Cricut Cutter
- Wallpapering
- Creating and Presenting Designs
- Painting
- Embroidery Machine
- Decorative Painting
- Basics in Sewing and Sewing Machine
- Stenciling
- Ten Hour OSHA Certification
- Tool Identification
- FCCLA Projects

Senior Year -

- Review all Steps and Safety from Prior Year
- Accessories
- Remodeling
- Home Maintenance
- Furniture Flipping
- Basic Upholstery
- Backsplash Tiles
- Paint at Carpentry Home

Career Focus:

Prepared for immediate employment and further education

Industry Recognized Credentials:

- 10 hour OSHA Certification

Further Education:

- Two- or four-year technical degree in this field

Youth Leadership Organizations:

Family, Career and Community Leaders of America (FCCLA)

This program introduces students to the exciting array of career possibilities that exist in this field. Students participate in real work situations through customer service operations and achieve competency in product manufacturing, as well as retail sales skills.



Did You Know.....

enrollment has increased significantly at design schools across the country due in part to the popularity of decorating shows and 32% are self-employed?

Average yearly salary in this field:
\$16,500

Where do you want to go?
Residential & Commercial Painter, Retail Sales/Furniture Sales, Retail Display & Promotion, Retail Sales/Paint, Residential & Commercial Wall Covering Installer, Retail Sales/Home Improvement, Retail Sales/Clothes, Home Maintenance & Cleaning Business, Self-Employed Seamstress, Self-Employed Painter

INFORMATION TECHNOLOGIES

I.T. Academy Computer Networking and Cybersecurity

Students in this program will learn and develop hands-on skills in Cisco Networking (CCNA), A+ IT Essentials, Windows Server configuration and administration, and Security essentials. As part of the I.T. Academy, students in Computer Networking and Cybersecurity also have cross-training opportunities in Computer Programming and Game Design.



Career & Technical Skills:

- Design, install, and troubleshoot complex computer networks
- Configure and manage servers
- Build, upgrade and repair computers
- Protect networks, computers, programs and data from attacks using cybersecurity techniques

Junior Year -

- IT Essentials
- A+ Certification Training
- Networking Fundamentals
- Microsoft Workstation Technologies

Senior Year -

- Routing and Switching
- Windows Server Configuration and Administration
- Cybersecurity
- Opportunities for Cross-Training in Computer Programming & Game Design

Career Focus:

Prepared for further education, advanced certifications, and immediate employment as an IT Professional

Admission Requirements:

- Algebra I ("C" average)
- Cumulative GPA of 2.0 or higher
- 2.5 recommended (priority)

Recommended Courses:

- Physics or Science of Sports and Recreation

Industry Recognized Credentials:

- A+ Computer Certification
- Network+ Certification
- Microsoft Certifications
- Security+ Certification
- CCNA (Cisco Certified Network Associate)

College Credit Plus Opportunities:

- College Credit Plus offered to qualified students
- Students can complete one year of a two year college associate IT degree program while in high school

Scholarship Opportunities:

- Several I.T. scholarships available to and received regularly by students in this program

Further Education:

- Two-year technical degree in network administration, cybersecurity
- Four-year degree in network engineering, computer science, cybersecurity

Youth Leadership Organizations:

Business Professionals of America (BPA)
Skills USA

Did You Know.....

cybersecurity and computer networking are two of the fastest growing career paths in the nation today?

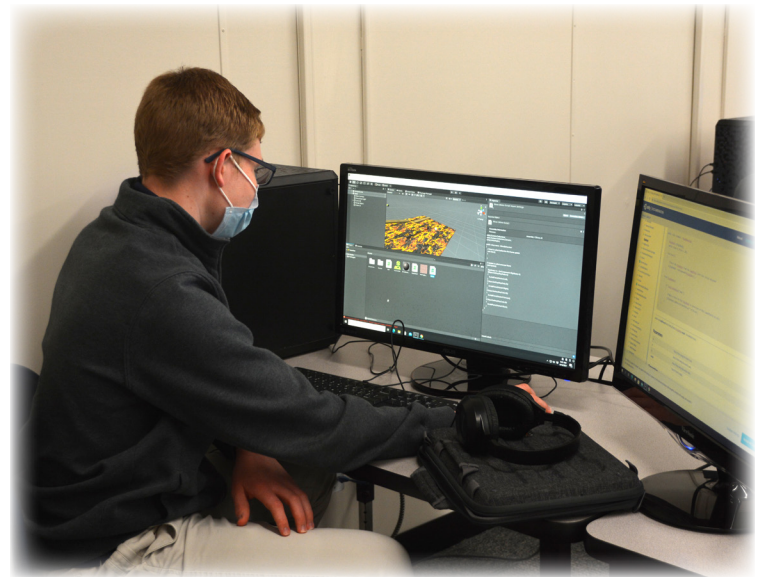
**Average yearly
salary in this
field:**
\$82,200

Where do you want to go?
Computer Technician, Network
Technician, Network Installation,
Computer Help Desk Support
Specialist, Network Administrator,
Cybersecurity Specialist

INFORMATION TECHNOLOGIES

I.T. Academy Computer Programming and Game Design

Students in this program will learn and develop hands-on skills in computer programming (multiple languages), database administration, web development, and game programming. As part of the I.T. Academy, students in Computer Programming and Game Design also have cross-training opportunities in Computer Networking and Cybersecurity.



Did You Know.....

employment of computer software developers is projected to increase much faster than the average for all occupations (17% by 2024).

Career & Technical Skills:

- Design, create and publish 2-D and 3D games while learning computer programming in high-level, challenging courses
- Develop programming and database solutions for business information systems
- Specialize areas of interest such as advance programming, server administration, web applications or robotics

Junior Year -

- Introduction to Programming
- C# Programming
- Database Design & Programming
- Basic Web Design and HTML Coding
- 2D & 3D Game Programming

Senior Year -

- Java Programming
- Web Application Programming
- Python Programming
- Senior Projects
- Opportunities for Cross-Training in Network Administration and Cybersecurity

Career Focus:

Prepared for college or immediate employment in the areas of software development, computer science, or management information systems

Admission Requirements:

- Algebra I ("C" average)
- Cumulative GPA of 2.0 or higher - 2.5 recommended (priority)

Recommended Courses:

- Physics or Science of Sports and Recreation
- Computer Operations (CCP)

College Credit Plus Opportunities:

- College Credit Plus to qualified students
- Students can complete one year of a two year college associate IT degree program while in high school

Further Education:

- Students can earn college credit in Computer Science or Computer Information Systems
- Two-year or four-year technical degree
- Career paths already in place with Northwest State Community College, other degree options are also available

Youth Leadership Organizations:

Business Professionals of America (BPA)
Skills USA

**Average yearly
salary in this
field:**
\$100,000

Where do you want to go?
Computer Scientist/Engineer,
Systems Analyst/Consultant,
Customer Support Analyst, Web Site
Developer, Computer Programmer,
System Administrator, Database
Administrator, IT Manager/Project
Manager, Software Designer,
Database Management, Game
Designer/Programmer

Career & Technical Skills:

- Job Exploration Opportunities
- Job Try-Outs
- Volunteer Opportunities
- Job Development Activities (application process, resume writing, interviewing skills, etc.)
- Job and Family Services - Ohio Means Jobs Introduction and Backpack Development
- Employment Specific Skills Training
- Social Skills Training
- Adult Agency (information and connections for future services)
- Advocacy Training
- Drivers Training Information/Assistance

Career Focus:

Transition students into an employment opportunity that meets the student's needs and interests and connect with adult agencies for future services.

Specific Requirements:

- On an Individualized Education Program (IEP)
- Recommended by the IEP Team/Vocational Evaluator
- Previous Pre-employment Experiences
- Parental Support
- *Recommended for students after completion of graduation requirements*

EDUCATION AND TRAINING

Job Training Program

The Job Training Program offers students on an Individualized Education Program (IEP) the opportunity to obtain one-to-one job coaching services to transition from the school environment into an employment setting. The students will learn the work and social skills needed to be successful. In addition, the Job Training Program will assist students and families with information regarding available adult services.



Adult Agency Options

Opportunities for Ohioans with Disabilities Agency (OOD), County Board of Developmental Disabilities, Ability Center, Job and Family Services, Special Olympics, Mental Health Services (ADAMhs Board)

AGRICULTURAL AND ENVIRONMENTAL SYSTEMS

Landscape and Greenhouse Technologies

This is a program that trains students to become leaders in the industry. Students receive information for a whole range of jobs in the green industry.

Career & Technical Skills:

- Install and manage residential and commercial environments from landscape designs
- Construct creative natural living and recreational spaces
- Operate and maintain professional landscape equipment

Junior Year -

- Introduction to Horticulture
- Greenhouse Structures
- Plant Anatomy
- Propagation
- Plant Identification
- Landscape Installation
- Landscape Design
- Landscape Maintenance

Senior Year -

- Career Exploration
- Plant Physiology
- Horticulture Safety
- Greenhouse Production
- Plant Identification
- Pests & Pesticides
- Landscape Design
- Nursery Production
- Turfgrass

Career Focus:

Prepared for immediate employment and further education

Recommended for Placement:

- Recommended that students have successfully completed Biology and Geometry prior to program enrollment

Industry Recognized Credentials:

- Ohio Nursery and Landscape Association
- With completion of this program, students can then test to become a Certified Garden Center Technician, Landscape Technician, or Grower Technician - Certified in all three is a Certified Master Level

Further Education:

- Two-year degree in landscape design, greenhouse/nursery management, fruit and vegetable production
- Four-year degree in plant/soil science, landscape horticulture

Youth Leadership Organizations:

FFA (National FFA Organization)



Did You Know.....

with an increase in the popularity of golf, turf grass management is a growing industry?

Average yearly salary in this field:
\$36,220

Where do you want to go?
Nursery Technician, Tree Care Maintenance, Landscape Designer, Nursery Manager, Lawn Care Specialist, Arborist, Landscape Construction, Landscape Manager, Plant Sales & Marketing, Golf Course Superintendent

LAW AND PUBLIC SAFETY

Law Enforcement and Security Tactics

The Law Enforcement and Security Tactics program provides students with the specialized knowledge and skills necessary to enter the criminal justice job market. Students will participate in post-secondary educational courses and recognize their rights and responsibilities as productive citizens in society today.



Did You Know.....

internships and job shadowing experience with local professionals will be available to qualified students? The instructor is trained, certified, and active in the trade.

Career & Technical Skills:

- Use crime scene investigation techniques and resolve conflicts
- Develop mind and body using self-defense tactics and fitness training
- Research and analyze current trends and issues in law and security

Junior Year -

- Private Security
- Physical Fitness
- Diversity and Disabilities
- Principles of Law
- Communication
- Unarmed Self-Defense

Senior Year -

- School-site Application of Security Training
- Job Placement Opportunities
- NIMS
- CPR/First Aid
- Advanced Instruction in Crime Scene Investigations, Interview/Interrogations, and Other Constitutional Issues

Career Focus:

Prepared for immediate employment, military, and further education

Admission Requirements:

- Physical Exam (Junior/Senior year)
- 2.0 GPA or better for admission in the program
- 2.5 GPA for senior year
- No student shall be admitted if under indictment or has been convicted of any: offense of violence, drug abuse, or sexual offenses, or any offense involving moral turpitude

Industry Recognized Credentials:

- CPR Certification
- National Incident Management System (NIMS) 100/700 Series & 200/800 Series
- Stop the Bleed Certification

Further Education:

- Ohio Police Academy Training
- Two-year and four-year degree in Criminal Justice
- Military Training

Youth Leadership Organizations:

Skills USA
Drug Free Clubs of America

Average yearly salary in this field:
\$45,000 - \$55,000

Where do you want to go?
Emergency Dispatching, Alarm Response, Federal and State Law Enforcement Officers, Local Police Officer, Industrial and Retail Security, Probation/Parole Officer, Deputy Sheriff, United States Military

CONSTRUCTION

Mechanical Systems and Piping

Few phases of modern living are untouched by today's HVAC/R industry. Skilled specialists design, install, and maintain controlled environments in enclosed areas ranging from homes to space satellites and almost any structure where people live, work, or play.



Career & Technical Skills:

- Design, fabricate, install, and maintain plumbing, heating, air conditioning systems
- Utilize tools and diagnostic equipment to develop advanced troubleshooting skills
- Install residential plumbing systems in a new home

Junior Year -

- Basic Safety, Tools & Equipment
- Refrigeration Theory & Applications
- Components of Air Conditioning Systems
- EPA Universal Refrigeration Certification
- Basic Electricity & Controls
- Components of Heating & Ventilation Systems
- Sheet Metal & Ductwork Assembly

Senior Year -

- Construction Drawings & Plumbing Codes
- Plumbing Installation at a New House
- Plumbing System Theory & Application
- Steel Pipe Threading & Joining
- Plumbing Fixtures & Faucets
- Brazing & Soldering Copper Pipes
- Acetylene Torch Set-Up & Safety

Career Focus:

Prepared for further education and immediate employment

Industry Recognized Credentials:

- EPA 608 Refrigerant Handling Certification

Further Education:

- Apprenticeships
- Two- or four-year technical degree in this field

Youth Leadership Organizations:

Skills USA

Did You Know.....

plumbing is one of the largest and highest paid construction occupations and job opportunities are excellent due to the shortage of trained workers? According to the Air Conditioning and Refrigeration Institute (ARI), an additional 20,000 technicians and installers are needed each year to work in this fast-paced, ever-growing, multi-billion dollar

**Average yearly
base salary in
this field:**
\$54,670

Where do you want to go?
Sheet Metal Worker, Plumber,
Pipefitter, Steamfitter, Industrial
Machinery Installer, Maintenance
Worker, HVAC Installer/
Technician, Inspector

Career & Technical Skills:

- Perform a wide range of responsibilities in medical office environments
- Experience interactive software applications and project simulations from initial consultation to final billing
- Integrate ethical standards, confidentiality, and professionalism when interacting with patients, clients, and employers

Junior and Senior Years -

- Administrative Office Procedures
- Medical Office Procedures
- Medical Terminology
- Medical Software
- Medical Insurance Coding
- Scheduling Appointments
- Business Communication
- Business Fundamentals
- Microsoft Office 2019 Suite
- 10-Key Calculators

Career Focus:

Prepared for further education and immediate employment in a medical office

Industry Recognized Credentials:

- First Aid
- CPR
- Career Safe OSHA 10-Hour General Industry (Healthcare)
- National Retail Federation (NRF) Retail Industry Fundamentals
- National Retail Federation (NRF) Customer Service & Sales

Further Education:

- Two-year technical degree in medical support or medical assisting
- Four-year degree in health care administration or health information management

Youth Leadership Organizations:

Business Professionals of America (BPA)

BUSINESS AND ADMINISTRATIVE SERVICES/FINANCE

Medical Office Technologies

A medical team is complete only with qualified medical office assistants. Students will learn to perform clerical work for office positions, specifically doctors' and hospital offices. Students will learn to handle administrative duties, such as answering phones, scheduling appointments, receiving patients/guests, proofreading, organizing files, and maintaining the front office. This program develops well-trained graduates for support positions in the medical/office arena.



Did You Know.....

the medical office world isn't the small-town, one-person employee shop that it used to be? Today, it is fast-paced, competitive, constantly evolving and thriving. The U.S. Bureau of Labor Statistics reported that medical office assistants could see a 29% projected increase in employment opportunities from 2016-2026.

Average yearly salary in this field:
\$35,717

Where do you want to go?
Medical Records Clerk, Insurance Verification Specialist, Administrative Assistant I, Administrative Assistant II, Administrative Assistant III, Medical Assistant, Admitting/Discharge Clerk, Medical Transcriptionist, Professional Coder

TRANSPORTATION SYSTEMS

Powersports

Career & Technical Skills:

- Troubleshoot, repair, and overhaul gas powered recreational and industrial equipment
- Service air and water cooled engines, lawn mowers, snowmobiles, motorcycles and all-terrain vehicles
- Use the same equipment and techniques as professional mechanics

Junior Year -

- Use of Shop Tools
- Carburetion
- Welding
- Bearings and Seals
- Fuel Lubricants & Coolants
- Chain Sharpening & Mowing Equipment
- Use of Diagnostic Test Equipment
- Reading of Micrometers & Measuring Devices
- Fasteners
- Tune-up, Repair, Rebuilding of 2 & 4 Stroke Engines
- Leadership and Communication Skills

Senior Year -

- Hydraulics
- Belts & Chains
- Powertrains
- Steering and Suspension
- Electrical Systems
- Tires
- Servicing of Power Equipment
- Employability Skills
- Trouble Shooting

Career Focus:

Prepared for immediate employment in recreational equipment repair and further education

Further Education:

- Technical training
- Two-year degree in diesel technology, ag/diesel technology, powersports, and motorcycle mechanics
- Four-year degree in agricultural engineering

Youth Leadership Organizations:

FFA (National FFA Organization)

Students in this program service and repair gas engines on a variety of equipment, including outdoor power equipment, motorcycles and ATVs.



Did You Know.....

the recreation/leisure motorsports industry is growing rapidly with the widespread use of ATV's, snowmobiles, and personal watercraft?

Where do you want to go?

Motorcycle Technician, Trailer Repair Shop, Outdoor Products Technician, Golf Course Maintenance Tech, Lawn & Garden Center Tech, Engine Manufacturer/Distributor Tech, Engine Repair Shop Tech, Snowmobile Service Tech, ATV Service Technician, Construction Equipment Service Tech, Parts & Inventory Specialist, Farm Equipment Tech, Retail Sales Person

Average yearly salary in this field:
\$35,000 - \$40,000

Career & Technical Skills:

- Explore mechanical, electrical and robotics engineering
- Invent, design and produce solutions for complex engineering challenges from concept to completion
- Experience advanced robotics, troubleshooting, electronics, computer aided design, and computer aided machining technologies

Junior Year -

- Bench Work
- Principles of Machining
- Intro to Engineering
- Engineering Graphics & Sketch
- Industrial Fluid Power
- Industrial Electricity

Senior Year -

- CAD I
- SERVO/Robotics
- Motors & Controls
- Quality Concepts
- CNC Programming
- Quality Measurement
- FANUC Certification
- Robotic Welding

Career Focus:

Prepared for college engineering program, advanced certification, maintenance positions, and engineering internships

Admission Requirements:

- On track for graduation, passed Algebra I with a "C" or better, and cumulative GPA of 2.0 or better

College Credit Plus Opportunities:

- College Credit Plus offered to qualified students

Further Education:

- Two-year technical degree in mechatronics engineering technology, systems/industrial technology, mechanical engineering technology, or robotics engineering technology
- Four-year degree in engineering

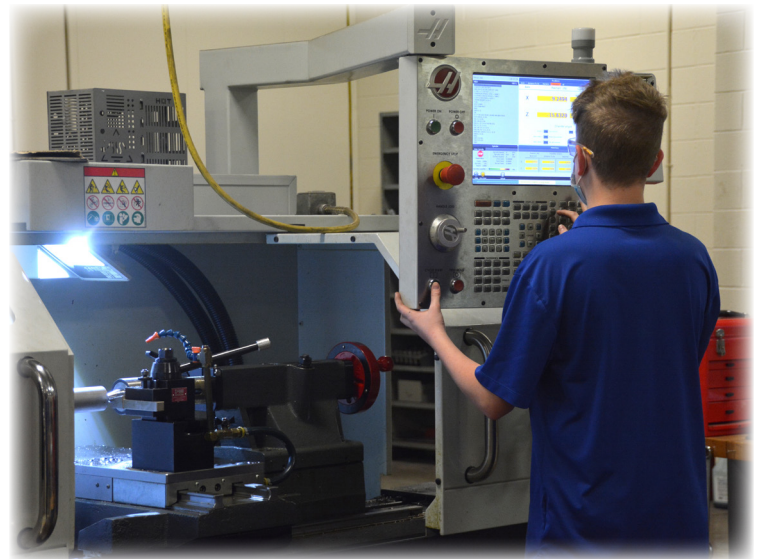
Youth Leadership Organizations:

Skills USA

MANUFACTURING AND ENGINEERING/ SCIENCE TECHNOLOGIES

Specialized Mechatronics and Robotics Technology

This program teaches students how to handle the technical side of making a product. Engineering technicians solve technical problems in a variety of engineering fields, such as preparing drawings and helping to produce and inspect products.



Did You Know.....

some college classes are taught at Northwest State Community College for this program?

**Average yearly
salary in this
field:**
\$40,000

Where do you want to go?
Manufacturing Technician,
Electromechanical Technician,
Mechanical Technician, CAD
Technician, Maintenance Technician,
Industrial Technician

AGRICULTURAL AND ENVIRONMENTAL SYSTEMS

Veterinarian Assistant

Students will learn basic veterinary skills on small and large animals, including basic research methods, clinical methods, preventative care, and medical equipment use. In addition to the hands-on components of the program, a combination of courses provide students with a firm foundation in science, biology, math, and the health care of animals.



Career & Technical Skills:

- Explore veterinary clinical procedures including animal care/control, grooming, clinical terminology, and disease prevention
- Work side-by-side with a nationally board certified veterinary technician in the care and health of animals
- Interact daily with animals

Junior & Senior Years -

- Anatomy and Physiology
- Animal Handling
- Animal Nursing Care
- Animal Health and Nutrition
- Clinical Laboratory Procedures
- Dosage and Calculations for Medication
- Fecal Analysis
- General Animal Care
- Hospital Procedures
- SDS Sheets
- Office Management and Administration Skills
- Wrapping/Caring for Wounds - Pet First Aid
- Nutrition
- OSHA Compliance
- Parasitology
- Posology
- Safety and Sanitation
- Systems of the Body
- Terminology
- Toxicology
- Grooming Procedures

Career Focus:

Prepared for immediate employment and further education

Admission Requirements:

- On track for graduation, passed Biology & Algebra I with a "C" or better, and cumulative GPA of 2.5 or better

Required/Recommended Courses:

- Junior Year: Medical Terminology, Anatomy & Physiology
- Senior Year: Chemistry

Further Education:

- Technical training
- Two-year degree in veterinary technology
- Four-year degree in veterinary technology

Youth Leadership Organizations:

FFA (National FFA Organization)

Did You Know.....

that pet spending is easily at an all-time high? Americans will spend more than \$99 billion on their pets just this year alone. Veterinary technicians and technologists are expected to have a 16% growth in employment from 2019-2029, according to the U.S. Bureau of Labor Statistics.

Where do you want to go?

Animal Care/Laboratory Animal Technician, Animal Health Technician, Animal Facility Maintenance/Personnel, Animal Trainer, Animal Rescuer, Clinical Trials, Laboratory Assistants, Medical Technologist, Pet Shop Employee/Owner, Zoo Keeper, Veterinary Office Worker, Veterinary Assistant

Average yearly salary in this field:
\$36,260

ARTS AND COMMUNICATION

Visual Art and Design

The Visual Art and Design Program explores fundamental skills in traditional and digital art that are essential for designers and art professionals in the twenty-first century. Some of the main focuses are drawing, painting, computer design and graphics, and photography. The students will get to create and deliver unique visual art and train on the same technology as design professionals.



Career & Technical Skills:

- Conceive, design, and deliver unique visual art and materials for print and web
- Develop skills in drawing, design, computer graphics, digital photography and printing output equipment
- Train on the same hardware and software as professional graphic artists

Junior & Senior Years -

- Visual Communication
- Problem Solving
- Advertising & Marketing
- Typography
- Digital Illustration (Adobe Illustrator)
- Digital Imaging (Adobe PhotoShop)
- Layout and Design (Adobe InDesign)
- MultiMedia Fine Arts
- Illustration
- Digital Photography

Career Focus:

Students will produce a professional portfolio geared toward college admission or entry-level employment. Students will experience the business of being an artist and exhibit in a gallery show.

Recommended for Placement:

- Basic Math Skills
- Plane Geometry

Further Education:

- Two- or four-year degree programs in various fields of art and design

Youth Leadership Organizations:

Skills USA

Did You Know.....

the visual art and design field is always changing due to new technology? Due to these innovations, the art industry offers a wide variety of careers and opportunities for graduates to explore.

Average yearly salary in this field:
\$30,000-\$80,000

Where do you want to go?
Special Effects in Entertainment Industry, Graphic Design, Illustration, Photography, Marketing, Desktop Publishing, Computer Animation, Art Education, Art Therapy, Arts Administrator

MANUFACTURING AND ENGINEERING/ SCIENCE TECHNOLOGIES

Welding Fabrication

The welding fabrication program gives students the chance to develop skills and knowledge needed to enter the welding and sheet-metal fabrication industry.



Career & Technical Skills:

- Imagine, design, and fabricate products for actual clients
- Interpret blueprints and specifications to complete a wide variety of projects
- Develop work ethic and team cooperation necessary for a career in fabrication

Junior Year -

- Arc Weld - Steel, Stainless Steel & Cast Iron
- MIG Welding - Steel, Stainless & Aluminum
- Operate Power Equipment
- Gas Cutting
- Operate Metal Cutters, Grinders & Hand Tools
- Skill Contest

Senior Year -

- Plasma Arc Cutting
- Gas Cutting
- TIG Welding - Stainless & Aluminum
- Reading Blueprints for Structural & Pipe Welds
- Fabricate Weldments
- Senior Projects
- Enhance Welding Skills
- Work for the Public
- Fluxcore Welding

Career Focus:

Prepared for immediate employment, apprenticeship, advanced certifications, and further education

Admission Requirements:

- On track for graduation and successfully passed Algebra I

Further Education:

- Apprenticeships
- Two-year technical degree in welding technology
- Four-year degree in structural engineering or welding engineering

Youth Leadership Organizations:

Skills USA

Did You Know.....

there is currently a shortage of skilled welders and welders are among the highest paid workers in the current job market? The Welding Fabrication program is certified by the American Welding Society. The instructor has obtained the AWS Certification and has the expertise to train students in the welding and metalworking technology.

**Average yearly
salary in this
field:**
\$37,999
(\$21.00/Hour)

Where do you want to go?
Metal Fabricator, Pipeline
Construction Worker, Factory
Welder or Fabricator, Farm/Industrial
Implement Repairperson, Private
Welding Shop Owner/Operator,
Millwright, Sheetmetal, Maintenance
Welder, Construction Iron Worker,
Mass Production Welder, Construction
Worker, Military Welder,
Oil Field Welder

Academic Courses of Study

Full-day students at the Career Center typically take three to four academic classes. Student placement in some classes is specifically linked to the student's program, while placement in others may deal with the student's ability. All classes are part of a career and technical curriculum established by the State of Ohio and are counted as credits toward high school graduation. Some students may qualify to earn college-level credit in some classes.



Support Services

Students served by an Individual Education Plan (IEP) may have the opportunity to take adjusted curriculum classes in the academic disciplines of English, mathematics, science, and social studies. These classes are smaller in size and give more attention to individual needs. Student placement is determined by the IEP.



Options

Business Applications

The focus of this class is to give the student a general knowledge of business functions, Microsoft 2013 software and the World Wide Web that can be utilized in the business of today as well as personal use. A cover letter and resume will be developed for future job inquiries along with the composition of business letters to deal with the public and spreadsheets for workplace organization.

Employability

This class centers upon the need for all Career Center students to be employable; to have knowledge of a good work ethic and to be able to put it to practice in the workplace. Skills such as organization, fiscal responsibility, interpersonal communication and a positive outlook are emphasized.

GRADS

This course will allow pregnant and parenting students to remain in school while developing parenting skills. Topics will include career readiness, financial management, relationship techniques, human growth and development and parenting styles and responsibilities. This is a dropout prevention program.

Personal Wellness

In this course, students will analyze personal physical, emotional, social and intellectual growth for a healthy lifestyle. An emphasis will be placed on lifespan wellness by managing stress through relaxation, physical activity and sleep. Additional topics will include human growth development, mental health management, personal hygiene and preparing for emergency medical situations.

Human Growth and Development

In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community.

Spanish 1

This is an introductory course where students will learn basic vocabulary and Spanish culture. Technology will be used on a regular basis in this course.

Spanish 2

This course is intended to expand on the information from Spanish 1. Successful completion of Spanish 1 is required for acceptance into Spanish 2. Technology will be used on a regular basis in this course.

Spanish 3

Students in Spanish 3 will be expected to communicate in Spanish every day during class. Successful completion of Spanish 1 and 2 is required for admittance into Spanish 3.



English

English III

The content of this course is adjusted to the needs of the individual students. Basic concepts in reading, writing, and grammar are covered. Small class size is designed to meet IEP goals and individualize instruction.

English IV

The content of this course is adjusted to the needs of the individual students. Basic concepts in reading, writing, and grammar are covered. Small class size is designed to meet IEP goals and individualize instruction. Students will write a brief research paper in the 12th Grade English IV.

English 11

This course is designed to increase written language skills through activities, strategies, and assignments. Skills in reading, writing, listening, speaking and thinking will be developed through study of American literature in a variety of genres.

English 12

This course is designed to increase written language skills through activities, strategies, and assignments. Skills in reading, writing, listening, speaking and thinking will be developed through study of British literature in a variety of genres. All students in English 12 are required to write a resume and a research paper.

Government

Government

This course has two facets: 1) to help the student gain a better understanding of the function of our governmental system and through this become an active and responsible citizen and 2) to study the impact government and politics has had on American society and the rest of the world in recent years. This class fulfills the state Financial Literacy core requirement.

Mathematics

Math III

The content of this course is adjusted to meet the needs of the individual students. Curriculum covers basic math skills to Pre-Algebra. Small class size allows the teacher to specialize in meeting the needs of students on IEPs.

Math IV

The content of this course is adjusted to meet the needs of the individual students. Curriculum covers basic math skills to Algebra. Small class size allows the teacher to specialize in meeting the needs of students on IEPs.

Transition to College Math

This course is an extensive review of Algebra I concepts. This class is highly recommended for any incoming student who received a "D" or lower in Algebra I.

Geometry

Geometry helps the student develop the ability to visualize objects in space as well as to gain basic understanding of Coordinate Geometry. The student will be given the opportunity to see the ways in which Algebra and Geometry complement each other. Inductive and deductive reasoning in both mathematical and non-mathematical situations will also be covered.

Applied Mathematics for Careers

It is real-world use of Algebra and angles. Story problems will be a strong component of this course. Students must have completed Algebra I and Geometry prior to this course.*

Algebra II

This course is designed to review important concepts from Algebra and expand on them in order to understand Algebra as a study of complex numbers. Topics in this course include multi-variable equations, graphing, quadratic equations and a brief introduction to Trigonometry.

Advanced Math

Students will explore and dig deeper into both basic and advanced Algebra topics. Algebra II is a prerequisite for Advanced Math.

Pre-Calculus

Using concepts learned in Geometry and Algebra II, this course enhances the student of functions and equations.

Financial Algebra

Math is part of your everyday life and will continue to be so as you go through the phases of life. This course will explore financial topics and utilize projects to advance students' understandings of the financial world. The course will increase in difficulty each quarter, leading the learner to use Algebra in the analysis of financial mathematics. Story problems will be a strong component of this course. Algebra II is a prerequisite for this class.

*This course is not recommended for students pursuing a 2 or 4 year college degree.

Science

Anatomy and Physiology

Students will learn the functions and structures of each body system in this course. Students will also learn the signs, symptoms and treatments for various diseases of the body systems. Dissection is a requirement for this course. Students enrolled in Fire & Rescue, Cosmetology, Veterinarian Assistant and Health Careers will take this course as a science requirement.

Chemistry

Chemistry emphasizes the study of matter and the changes matter undergoes. Topics included are; learning about the atom, the periodic table, how to write and read chemical formulas, and performing chemical reactions.

Environmental Science

The study of Environmental Science pulls from knowledge of multiple other science disciplines, allowing high schoolers to apply the knowledge they've acquired in biology, physical science, and earth sciences. It is particularly appealing to students who have a natural curiosity about environmental topics such as sustainability, biodiversity, and how humans are impacting the earth.

Forensics

A beginners' guide to the application of scientific methods for the examination of physical evidence in the criminal justice system. An overview of crime scenes, evidence collection and packaging, fingerprints, blood spatter, hair, fibers, etc.

Intro to Physics

This is a conceptual physics class covering motion, force, and Newton's Three Laws of Motion. Students will build and measure the forces on bridges and towers as part of a structure and stability unit. This class has less Math than Physics. Recommended for Automotive Technologies, Computer Design/3D Modeling, Electrical, Computer Networking & Cybersecurity, Computer Programming & Game Design, Specialized Mechatronics & Robotics Technology, and Welding Fabrication students.

Science of Sports and Recreation

This class explores the scientific concepts that are employed in sports and recreational activities. Students will learn basic scientific concepts such as motion and force in relationship to football, archery, and bowling. Additional topics include physiology, nutrition and more as they relate to sports and recreation.

Wall of Fame Members

1997

Greg Headley
Tracey Hoff
Steve Hootman
George Karagiorge
Dawn Nye
Dorothy Pietrykowski
Andrea Rex
Christine Smallman

Vicki Freeman-Stambaugh
Lynn Wachtmann

Co-Owner, H & W Automotive & Machine Shop
Director of Human Resources at RTKL Associates, Inc.
Four County Career Center Auto Collision Repair Instructor
Administrative Director of Facilities at St. Vincent Mercy Medical Center
Plant Manager at Arrow Molded Plastics/LDM Technologies
Treasurer at Northwest Ohio Educational Service Center
Registered Nurse at St. Vincent Life Flight/Mobile Life ICU
Administrative Budget Assistant to the Chair/Industry & Alumni Relations at The University of Toledo
Owner/Chef at Vicki's Creative Cuisine Deli & Catering
State Representative

1998

Randy Adams
Gary Foreman
Debra Fortney
William Hinsch
Ann Lamb
Charles Ramus
Mark Savage

Co-Owner - TGM, Inc.
Owner - Foreman's Collision Center
Advanced Analyst Programmer-Libbey-Owens-Ford
Partner/Creative Director at Root Learning, Inc.
Assistant to the Treasurer at Northwest Ohio Education Service Center
Plant Superintendent - Tuthill Corp. Superior Linkage Div.
Clutch Production Team Manager at Eaton Clutch Corp.

1999

James Battershell
Patricia Schafer
James Shiple
David VonDeylen
Thomas Worthington
Dennis Zimmerman

Four County Career Center Trade & Industry Supervisor
Sales Service Rep/Commercial & Industrial Division at Johns Manville
President of JMS Mechanical
President & CEO at Alex Products
Owner/Operator of Worthington Body Shop
Owner of Zimmerman Sheet Metal, Steel & Welding

2000

Rex Armstrong
Roger Dinius

Roger Phillips
Lisa Poncsak

Paint Facilities Engineer at Daimler-Chrysler Corporation
Section Manager Electrical Systems Engineering at General Electric Aircraft Engines
President/Owner at Commercial Services Company, Inc.
Regional Manager at StaffMark, Inc.

2002

Kenneth Nester
Eileen Savage
Leslie Seiler
Kenneth Prince
Candy Sanders

Co-Owner of Miller's Body Shop
Instructor Assistant at Good Samaritan School
Seiler Farms, Inc.
Co-Owner of Miller's Body Shop
Owner of Cuts & Such Beauty Salon

2003

Stephen Casebere
Cathy DeHass
Kevin Herman
Pamela Howell-Beach
Tom Karnes
Dennis Vetter

Director of City Utilities at City of Bryan
Work Study Coordinator at Northwest Ohio Educational Service Center
Elementary Principal at Pike-Delta-York Local Schools
President of Toledo Community Foundation, Inc.
Network/Systems Support Specialist at NWOCA
President at Arc Solutions, Inc.



2005

Jim Brown
William Cameron
Georgia Dyeson
Vincent Fisher
William Mapes
Karen Oskey

Lean Six Sigma Black Belt at Johns Manville
Auto Body Instructor at Penta County Career Center
Police Officer at Village of Antwerp Police Department
Senior Supervisor Court Deputy at Lucas County Common Pleas Court
Four County Career center Carpentry Instructor
Vice President & Marketing Administrative Manager at
RDSI Banking Systems, Inc.

2005

Kevin Beck
Jason Dietsch
Richard Hupe
Brian Kemerer
Julie Osmun
David Peebles

Sheriff of Williams County
Body Shop Manager & V.P. Dietsch Sales & Service
Four County Career Center Trade & Industry Supervisor
Prototype Development Manager at Rieke Package Systems
Owner of the Posey Peddler
Owner/Tuner of Revolutions

2006

Mindy Kingsbury
Jennifer Decello
Kalli Hintz
Scott Clemens

David Stollsteimer
Glenn Myers

Social Worker of Community Support at Maumee Valley Guidance Center
Human Resource Manager at Beneficial/HFC Hember HSBC Group
Intervention Specialist at Northwest Ohio Educational Service Center
Owner/Manager of Clemens Mobile Welding, C&S Truck
Bodies and J.L.C. Transportation, Inc.
President of Stollsteimer Electrical, Inc.
Engineering Department/Unit Handling Systems at Jervis B. Webb Company

2007

Jim Hall
Kenneth Miller
Krista Whetro
Matthew Mayer
Jim Hoff

Deputy Sheriff & DARE Officer at the Defiance County Sheriff's Office
Manager at Ridgeville Telephone Company
Four County Career Center Cosmetology Instructor
Manager/Owner of Bud's Restaurant
Chief Engineer of Maintenance at the British Embassy

2008

Bradley Bowers
Lisa Hall
Dr. Larry Kennedy
Robert Meyer
Cindy Overmier
Pegge Sines

Owner of BCA Express Company Ltd.
Grounds Maintenance & Designer at Sauder Village
Associate Pastor at Church of God Ministries
Dietary Manager at Community Memorial Hospital
Branch Manager at The Henry County Bank
Owner/Operator of Dream Haven LLC

2009

Kendra Batdorf
Chief Garry Chamberlin
Cynthia Cline
Todd Early
James Fisher
Debra Gilgenbach
Theodore Puehler
Deb Spiess

Medical Assistant/Medical Transcriptionist for Dr. Laura Elliott
Chief of Police for the Village of Delta
HR Office Specialist for NW Ohio educational Service Center
Manager of Maintenance for Campbell Soup Company
Furnace/Controls Product Manager for Goodman Manufacturing Co.
Public Health Nurse RN BSN at Defiance County Health Department
Owner of Ted's Truck & Trailer Repair LLC
Purchasing Agent for Campbell Soup Company

2010

Betsy Babinger
Scott Edgar
Lisa Myerholtz
Darlene Phillips
Dustin Smith
Richard Stotz

Manager at Lincoln Financial Group
Owner of Five Span Marina
Co-Owner of Myro's
President of Wonsetler Flowers
Owner/Manager of M & D Detailing
Northern District Manager at Automotive Color & Supply Corporation



2011

Robert Boeke
Merril Mitchell
O'Jenna L. Morlock
Gregory W. Nafziger

President/Owner of Royalty Trucking & Cookie Carriers
Owner of Mitchell Auto Service
Environmental Engineer at Henkel Chemical Management
Research Scientist at Owens Illinois

2012

Susan Bearer
Tom Borstelman
Cindy Fruth
Teresa Karnes
Holly Schlosser
Dana Schwab

Co-Owner and Hair Stylist at Expressions Hair Artistry and Spa
President/Owner of Borstelman Graphics
Hair Stylist at Downtown Hair Company & Cook at Napoleon Area Schools
Guidance Secretary at Four County Career Center
Probate Court Administrator at Williams County Probate/Juvenile Court
President/Owner at D & J Electric

2013

Shelley Beck
Tracy Dopp
Pamela Fisher-Richards
Deanna (Willeman) Pahl
Stacy L. Sauber
Mathew Wieland

Administrative Assistant at American Cancer Society of Florida Division
Intervention Specialist at Four County Career Center
Community Volunteer in Glendora, California
Registered Dental Hygienist at Dental Excellence
Controller at Arrow True-Line
Owner of Wieland's Auto Repair

2014

Ronald R. Burk
G. Michael Christman
Brent Savage
Michael Kohl Sennett
Jody (Hallett) Strahle
Shelly Wagner

Owner/Operator of Exceptional Motorcar
President/Owner of Guardian Engineering
Engineering Administrator at Eaton Corporation
IP System Administrator at Buckeye Cable System
Accounts Payable/Cashier at Community Hospitals & Wellness Centers
Owner of Hair Loft

2015

Steve Busch

Douglas Posey
Abby (Rhoades) Sharp
TSgt. Kurt J. Trausch
Mary Wilson
Lisa Zuver-Towns

Area Manager of Maintenance at Campbell Coup Supply Co.;
Co-Owner of Julie's Portrait Creations & The Armory Arts & Events Center
Sr. Automotive Technologies Instructor at Four County Career Center
CFO/Treasurer at Ayersville Local Schools
Fire Protection Craftsman, 366 Fighter Wing, Mountain Home AFB Idaho
Project Manager at Nikao Bartoe Group
Director of Marketing & Admissions at Genesis Health Care

2016

J. Mark Holbrook
Tom Riegsecker
Michelle M. Pelland-Semer

Steve Slattman
Chuck Wallace
Shannon K. Zellers

Founder/Director of The Acacia Alliance
Owner of Tom's Welding & Repair & Delta Truck Sales
Independent Contracting - Pedicurist, Manicurist & Cosmetologist
Specializing in Elderly People
Transportation Manager at Quadco Rehabilitation Center
General Manager at Best One Tire & Service
Program Manager at Quadco Rehabilitation Center

2017

Larry H. Dean
Jeff Keefer
Bethany Mathers
Vicky Roughton
Susan (Herndon) Smith
Dean Thiel

President of Bryan Truck Line, Inc.
Owner/Shop Manager/Mechanic of Keefer Farm Repairs
Carryout at Chief Supermarket
Health Information Management Supervisor at Mercy Health Defiance
Senior Cosmetology Instructor at Vantage Career Center
Body Shop & Service Manager at Jason Dietsch Collision & Customs



2018

Lori Deem	Owner of Deem Insurance Agency, LLC
Todd Henricks	Owner of Todd's Auto Collision
Tiffany (Dennie) Kennerk	Medical-Surgical Director of Nursing at Community Hospitals & Wellness Centers
Bradley E. Mangas	Owner/Operator of B.E. Mangas & Son, LLC & Buffalo Wild Wings of Northwest Ohio
Shelly Reagle	Owner of N.L.S. Hair Boutique
Gregory C. VanDyke	Owner of Culligan Sales & Service of Northwest Ohio

2019

Jade Crossland	Operations Manager for North American Stamping Group
David Klingshirn	Co-Owner of Vince's TV and Appliances, LLC
Rodney Miller	Retired Journeyman Bricklayer/Foreman
Susan Sager-Myers	Early Childhood Education Instructor at Four County Career Center
Jason Michael Pfund	Production Worker at Triangular Processing
Rex E. Robison	Residential Building Official/Zoning Commissioner for the City of Defiance

Thank you for taking the time to nominate our graduates to the Four County Career Center Wall of Fame. We are proud of our graduates and our Wall of Fame activity serves as an inspiration to both our students and staff.

Archbold	Hilltop
Ayersville	Holgate
Bryan	Liberty Center
Defiance	Montpelier
Delta	Napoleon
Edgerton	North Central
Edon	Patrick Henry
Evergreen	Pettisville
Fairview	Stryker
Fayette	Tinora
Hicksville	Wauseon

Four County Counselors Visit Associate Schools -
October and November
Career Exploration Days -
December 2 & 3, 2021
Open House From 5:00 - 7:30 p.m. -
January 10, 2022
Priority Application Deadline -
February 1, 2022
Dinner With Your Instructor Event -
March 15, 2022
Student Orientation Nights -
May 2, 3 & 5, 2022



22-900 State Route 34
 Archbold, Ohio 43502
 419-267-3331 www.fourcounty.net



Four County Career Center hereby gives notice that it does not discriminate on the basis of race, color, national origin, ancestry, sex, religion, disability/handicap, citizenship status, or veteran status in its educational programs, activities, employment policies, or admission policies and practices, as required by law. Four County has a Section 504, Title VI and Title IX Coordinator.