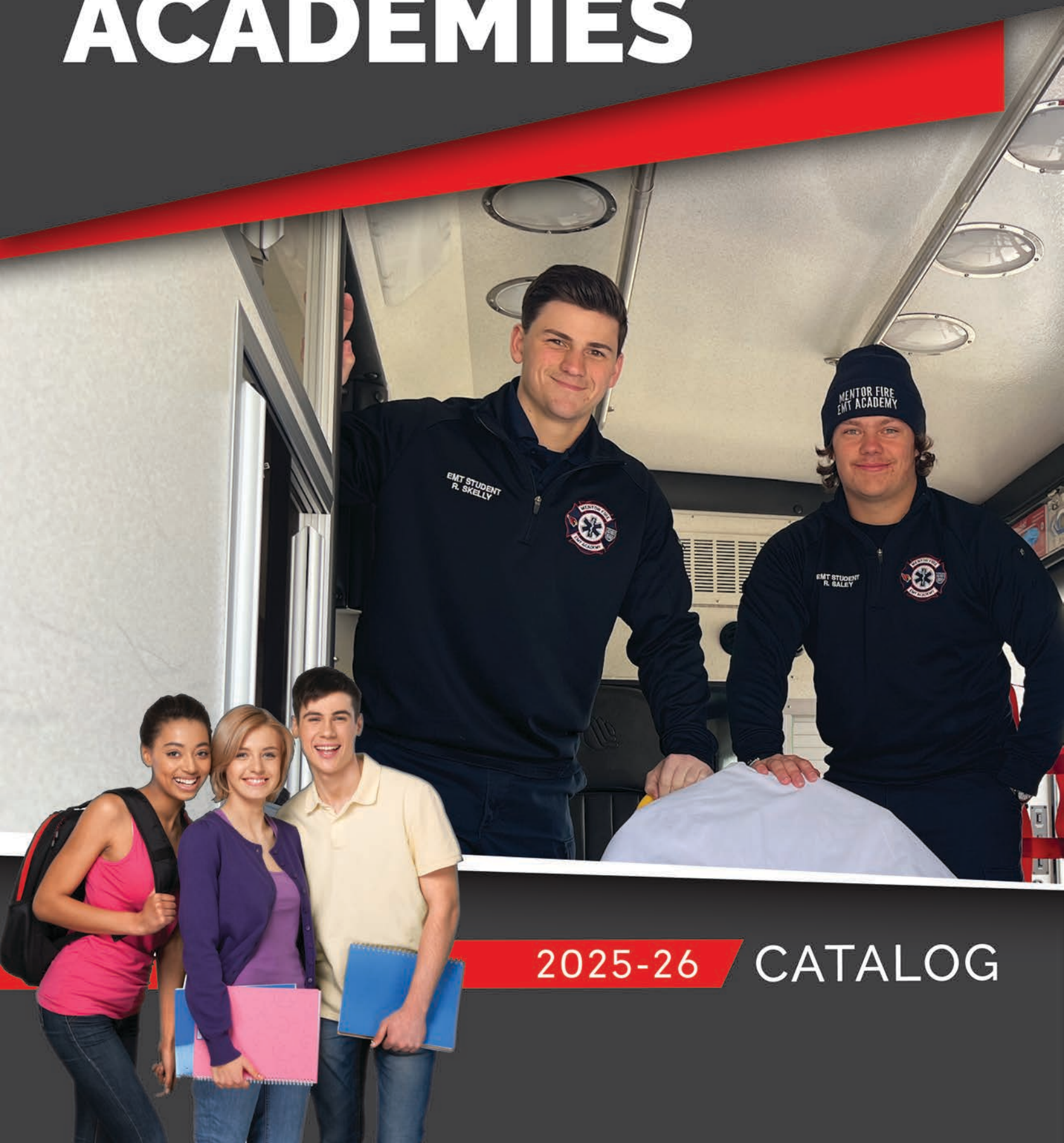
Mentor Schools

CAREER ACADEMIES



2025-26 CATALOG



YOUR FUTURE STARTS **NOW**

A Message from the **DIRECTOR:**

Our **MENTOR SCHOOLS CAREER ACADEMIES** initiative introduces a new approach, enabling students to delve into diverse careers and attain industry-recognized credentials through year-long courses, all within one period and one credit in most cases. These academies accommodate students seeking career exploration while fitting into the most rigorous academic schedules.

The resurgence of career technical education stems from the widening skills gap in our nation's workforce. This necessity for career technical education has become increasingly evident.

Mentor Schools, following the leadership of Governor DeWine and Lt. Governor Husted, has actively aimed to bridge this skills gap. Collaborative efforts among businesses, educational institutions, and the government have been instrumental. These endeavors focus on skill development and outreach, providing Ohio's students with avenues toward fulfilling careers within the state.

Despite misconceptions surrounding career technical education, choosing this path doesn't confine students to immediate entry into the workforce post-high school. It equips them to be both college-ready and career-ready. Our high school-level programs in aviation, public safety, skilled trades, and IT, among others, offer students insights and versatile skills applicable across diverse career paths, be it direct employment, enlistment, or pursuit of a 2 or 4-year degree. Students graduate equipped with the skills essential for their individual journeys to success.

I encourage you to explore the Mentor Schools Career Academies catalog and consult your school counselor for further details on these exciting programs. Mentor Schools' students are poised at the forefront of this evolving landscape, well-prepared to lead in these changing times.

Sincerely,

DR. JOE GLAVAN
Director of Workforce Development

Mentor Public Schools

DISCLAIMER

MENTOR PUBLIC SCHOOLS does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

Inquiries regarding nondiscrimination policies should be directed to:

KATHY BURNETT, Human Resource Director
Mentor Public Schools
Mentor Board of Education
6451 Center Street
Mentor, Ohio 44060
PHONE: (440) 974-5201

To obtain this information in another language (i.e. Spanish), call (440) 974-5336.

Mentor Schools
CAREER ACADEMIES



We're excited to have you join the Career Academies family of Mentor Schools! Once you explore this catalog and discover the many exciting opportunities available, you'll have plenty of chances to learn more.

HOW TO APPLY?

Check us out ONLINE

- Visit **Mentorcareeracademies.net** for program information, program videos, 3-D renderings of classrooms, and teacher spotlights.

Classroom PRESENTATIONS

- In early January, virtual presentations and videos will be made available to all tenth-grade students during their class times.

Career Tech EXPO - January 15

- Once you have an idea of which programs you may be interested in, you will have an opportunity to attend a Career Tech Expo to interact with the teachers and students.

  Interested Mentor and Wickliffe sophomores will be able to attend an Expo held at Mentor High School during the afternoon of January 15th. Evening Expo events will be held at Mentor High School on January 15th. Parents and students will be able to attend the evening event.

Application WINDOW

- Now that you are really excited about joining a Career Academy program, you can apply. The application window will open for priority status January 15th through February 5th.

To APPLY:

- Apply online at **mentorcareeracademies.net** and click on APPLY. Complete the application and be sure to include your two academies choices. If you only have one choice, please indicate 'No Second Choice'.

MARCH:

- You will receive a letter regarding the status of the applications.

MENTOR SCHOOLS
Career Academies



WHAT ARE THE ACADEMIES?

MENTOR SCHOOLS has undertaken a transformation in its curriculum to expand our offerings to include a diverse array of engaging career focused programs. Our focus remains on fostering a hands-on approach to education, equipping students with the skills essential for the dynamic workforce they'll encounter. Our curriculum is designed to facilitate the attainment of industry-recognized credentials, ensuring that students graduate with tangible qualifications ready to excel in their chosen fields.

Within EACH of our academies:

- Students delve into their areas of interest, exploring and honing their passion.
- Opportunities abound for earning industry-recognized credentials, equipping them for seamless integration into the workforce or further education.

AT MENTOR HIGH SCHOOL our academies include:

2- YEAR ACADEMIES

- ALLIED HEALTH Academy
- AUTOMOTIVE Academy
- BUSINESS Academy Business Administration
- BUSINESS Academy Entrepreneurship & Marketing
- CARDINAL WORKS JOB Academy
- CONSTRUCTION MANAGEMENT Academy
- DIGITAL MEDIA Academy
- PROGRAMMING & SOFTWARE DEVELOPMENT Academy
- MENTOR FIRE EMT Academy
- ROBOTICS & ENGINEERING Academy
- SPORTS MEDICINE Academy
- TEACHING PROFESSIONS Academy

1- YEAR ACADEMIES

- AVIATION Academy
- CONSTRUCTION Academy
- CULINARY Academy
- CYBERSECURITY Academy
- MANUFACTURING Academy at Lakeland
- MICROSOFT Academy
- WORKFORCE READINESS Academy
- YOUNG PROFESSIONALS Academy

1- YEAR CCP ACADEMIES

- CCP CRIMINAL INVESTIGATION Academy at Lakeland
- CCP WELDING Academy at Lakeland
- CCP HVAC Academy at Lake Erie College

STUDENT **Organizations**

STUDENT **Organizations**

Participation in Career Tech Student Organizations is an important part of Career Tech education. Students participate in the following:

SkillsUSA

- **AUTOMOTIVE** Academy
- **CONSTRUCTION MGMT.** Academy
- **DIGITAL MEDIA** Academy
- **MENTOR FIRE EMT** Academy
- **ROBOTICS & ENGINEERING** Academy
- **PROGRAMMING & SOFTWARE DEVELOPMENT** Academy

HOSA - Future Health Professionals

- **ALLIED HEALTH** Academy
- **SPORTS MEDICINE** Academy

DECA

- **BUSINESS** Academy Business Administration
- **BUSINESS** Academy Entrepreneurship & Marketing

EDUCATORS RISING

- **TEACHING PROFESSIONS** Academy

SkillsUSA® hosa future health professionals DECA EDUCATORS RISING

Mentor Schools
CAREER ACADEMIES

CCP for CTE

CollegeCredit PLUS

Did you know that a CTE student may be able to earn CCP credits within the CTE curriculum?

CCP lets students in grades 7-12 take college coursework for free!

- College Credit Plus is Ohio's dual enrollment program that provides students in grades 7-12 the opportunity to earn college and high school credits at the same time by taking courses from Ohio colleges or universities.
- The purpose of this program is to enhance students' career readiness and postsecondary success, while providing a wide variety of options to college-ready students, at no or limited costs to students and families.

The following programs will now offer students who meet the eligibility requirements the opportunity to earn additional college credits through CCP.

- Allied Health Academy
- Business Academy Entrepreneurship & Marketing
- Construction Academy
- Programming & Software Development Academy
- Mentor Fire EMT Academy
- Manufacturing Academy

The following 1-year programs are offered as CCP off-campus:

- CCP Criminal Investigation Academy at Lakeland
- CCP Welding Academy at Lakeland
- CCP HVAC Academy at Lake Erie College

Lakeland COMMUNITY COLLEGE

LAKE ERIE COLLEGE

ELIGIBILITY

- To earn CCP credits, students must meet the CCP eligibility requirements for Lakeland Community College
- CTE students who do not meet the CCP eligibility requirements may still eligible to earn bilateral college credit from Lakeland Community College

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EXPLORING CAREERS.
DISCOVERING FUTURES.

Mentor Schools
CAREER ACADEMIES



DIGITAL MEDIA Academy

2 YEAR ACADEMY



DO YOU?

- Have an artistic flair?
- Love to design creative works?
- Have creativity and imagination?
- Like to work with computers?

YOUR EXPERIENCE

Let your career take off with this Digital Media pathway program. You'll acquire the skills you'll need to perform as a competent web and graphic design professional using Adobe Creative Suite, the definitive toolkit for professional design and web development.

- Multimedia and Image Management
- Adobe InDesign
- Adobe Photoshop
- Adobe Illustrator
- Creating and Editing Graphics



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

10 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS
Adobe Certified Professional Photoshop, Illustrator, and InDesign

Adobe Certified Professional

Pre-Apprenticeship through Greater Cleveland Partnership

Greater Cleveland Partnership

LOCATION: MENTOR HIGH SCHOOL
TEACHER: Heidi Toot
E-MAIL: TootH@mentorschools.org
TEACHER: Cynthia Henry
EMAIL: Wolski@mentorschools.org
TIME: TBD

HS CREDITS: 2 Jr. year | 2 Sr. year

BUSINESS ACADEMY
Business Administration

2 YEAR ACADEMY



ARE YOU?

- Interested in studying Business Administration in college?
- Hoping to be a manager someday?
- Interested in how a company works day-to-day?
- A leader?

HONORS CREDIT AVAILABLE

HONORS PROGRAM

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

YOUR EXPERIENCE

JUNIOR YEAR:

Operations Management

Business Ownership

Digital and Social Media Marketing

International Business

Accounting

Management and Leadership

Professional Development

SENIOR YEAR:

Business Administration, Entrepreneurship Supply Chain Management, and opportunity for an internship with a local employer.



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

9 COLLEGE CREDITS*

* May qualify for additional CCP or articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10-Hour Safety Certification

Entrepreneurship and Small Business Readiness

Customer Service and Sales credential

Logistics credential

LOCATION:	MENTOR HIGH SCHOOL
TEACHER:	Lauren Tousignant
E-MAIL:	tousignant@mentorschools.org
TEACHER:	Drew McKnight
E-MAIL:	McKnightD@mentorschools.org
PHONE:	440.974.5288
JUNIOR YEAR:	TBD
SENIOR YEAR:	TBD
HS CREDITS:	2 Jr. year | 2 Sr. year

BUSINESS ACADEMY

Entrepreneurship & Marketing

2 YEAR ACADEMY



ARE YOU?

- Creative?
- Interested in having your own business someday?
- Hoping to work in marketing or sales?
- Planning to study Business or Marketing in college?

HONORS CREDIT AVAILABLE

HONORS PROGRAM

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

YOUR EXPERIENCE

JUNIOR YEAR:

Operations Management
Business Ownership
Digital and Social Media Marketing
International Business
Accounting
Management and Leadership
Professional Development

SENIOR YEAR:

Marketing and advertising, Professional Personal Selling, Entrepreneurship
Advertising and Promotion
Supply Chain Management
Co-op experience/Capstone Experience



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

9 COLLEGE CREDITS*

* May qualify for additional CCP or articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10-Hour Safety Certification
Entrepreneurship and Small Business Readiness
Customer Service and Sales credential
Logistics credential

LOCATION: MENTOR HIGH SCHOOL
TEACHER: Lauren Tousignant
E-MAIL: tousignant@mentorschools.org
TEACHER: Drew McKnight
E-MAIL: McKnightD@mentorschools.org
PHONE: 440.974.5288

JUNIOR YEAR: TBD
SENIOR YEAR: TBD

HS CREDITS: 2 Jr. year | 2 Sr. year

YOUNG PROFESSIONALS Academy

1 YEAR ACADEMY



DO YOU?

- Have a desire to explore new career options?
- Wish to develop employability skills?
- Want to shadow professionals in different career fields?

YOUR EXPERIENCE

Let your career take off with this Young Professionals pathway program.
The Young Professionals Academy is a program designed to provide students with valuable insights into potential career paths. Through two shadowing experiences, participants get the opportunity to explore and gain hands-on experience in their fields of interest, fostering a better understanding of various career options.

- Web-based Portfolio
- Gain networking contacts
- Interview and Employability Skills



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS
Rise-Up: Customer Service & Sales
Retail Management
OSHA

LOCATION:	MENTOR HIGH SCHOOL
TEACHER:	Drew McKnight
E-MAIL:	McKnight@mentorschools.org
PHONE:	TBD
TIME:	TBD
HS CREDITS:	1/2 Credit

CONSTRUCTION
Management Academy

2 YEAR ACADEMY



DO YOU?

- Like to work with your hands?
- Have a mechanical mind?
- Like to see a project from start to finish?
- Enjoy physical work?

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

AO ApprenticeOhio

YOUR EXPERIENCE

JUNIOR YEAR:

Proper operation of tools/equipment

Job estimation

Masonry work

Framing

Construction math needed on the job

Development of individual projects

SENIOR YEAR:

Skills Developed:

- Planning and design
- Estimating/budgeting
- Demolition
- Insulation
- Dry walling
- Painting
- Flooring
- Trim work
- Framing
- Light plumbing
- Electrical work
- Windows
- Doors
- Cabinets
- Siding
- Roofing

Development of portfolios

Pre-Apprenticeship



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

4 COLLEGE CREDITS*

*May qualify for additional CCP or articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10-Hour Safety Certification

Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion

LOCATION: LAKELAND COMMUNITY COLLEGE
TEACHER: James Capel
E-MAIL: capel@mentorschools.org
PHONE: 440.974.5336
JR. YEAR: 7:30am - 10:00am
SR. YEAR: 11:30am - 2:00pm
HS CREDITS: 3/year

CONSTRUCTION
Academy

1 YEAR ACADEMY



DO YOU?

- Like to work with your hands?
- Have a mechanical mind?
- Like to see a project from start to finish?
- Enjoy physical work?

YOUR EXPERIENCE

Let your career take off with this Construction pathway program. Students will complete the NCCER Core: Introduction to Basic Construction Skills which incorporates applied math along with employability and communication skills to help students gain the life-ready skills needed to succeed in the workforce.

- Applied Math
- Employability and Communication Skills
- Carpentry Skills



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

NCCER Core: Introduction to Basic Construction Skills
OSHA 10-Hour Safety Certification
Ohio Apprenticeship Pre-Apprenticeship

NCCER ABC CareerSafe

LOCATION:	MENTOR HIGH SCHOOL
TEACHER:	Jeffrey Novy
E-MAIL:	novy@mentorschools.org
PHONE:	TBD
TIME:	TBD
HS CREDITS:	1 Credit

CCP HVAC

Academy at Lake Erie College



DO YOU?

- Want a career that is in demand?
- Like to work with your hands?
- Enjoy problem solving?
- Wonder how an air conditioner works?

YOUR EXPERIENCE

ACADEMIC DAY:

The HVAC-R program is a one-year course with the focus of obtaining an industry-recognized credential. This unique program, partnered with Lake Erie College, combines classroom and laboratory activities to provide a foundation of practical knowledge needed to perform installation, service, and repair work in this challenging field. This program prepares students for entry-level careers in the HVAC-R trade with a residential or commercial company. Students will develop unique skills within this program, including the fundamentals of furnaces, air conditioning units, heat pumps and refrigeration systems. Students have the opportunity to earn the EPA 608 certification Refrigerant Recovery Core + Level 1 to handle refrigerants.

COURSE WORK:

- Basic Electricity
- Heating Systems
- Air Distribution Systems
- Air Conditioning Systems
- Refrigerant Handling

RELATED OCCUPATIONS:

- Commercial/Residential HVAC-R Technician
- Sheet Metal Union Worker



CREDENTIALS AVAILABLE:

Successful completers of this program will earn an EPA 608 Refrigerant Recovery Core + Level 1 credential.

10 COLLEGE CREDITS* *May qualify for additional articulated credits

LOCATION:	**LAKE ERIE COLLEGE**
TEACHER:	Robert Walter
E-MAIL:	rwalter@lec.edu
PHONE:	440.375.7555
SENIOR YEAR:	11:30am - 2:00pm
HS CREDITS:	3

TEACHING PROFESSIONS
Academy

2 YEAR ACADEMY



DO YOU?

- Like to be in a classroom?
- Want to be part of the education process?
- Want to participate in field experiences in classrooms?
- Want to develop a professional education portfolio?

YOUR EXPERIENCE

JUNIOR YEAR:

Students will gain valuable knowledge of child and adolescent development. They will also have the opportunity to actively engage with preschool-aged children, gaining hands-on experience directly within the MHS preschool setting.

SENIOR YEAR:

Students will gain knowledge of curriculum and educational theory. Opportunities for field experiences will be provided in a variety of educational settings. Students will learn best practices from teachers within the Mentor School District.



REQUIRED CERTIFICATIONS - Red Cross CPR, In-service certification for: child abuse recognition and prevention, communicable disease and first aid.

COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

3 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10-hour Safety Certification
CPR/First Aid
Communicable Disease Prevention
Child Abuse Awareness and Prevention

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Marissa Mannocchio
E-MAIL:	mannocchio@mentorschools.org
PHONE:	440.974.5336
JUNIOR YEAR:	7:22 am - 9:58 am
SENIOR YEAR:	11:50 am - 2:26 pm
HS CREDITS:	2/year

ROBOTICS & Engineering Academy

2 YEAR ACADEMY



DO YOU?

- Want to learn how roller coasters are controlled?
- Want to program robots?
- Like working with your hands?
- Want to learn about how things are made?

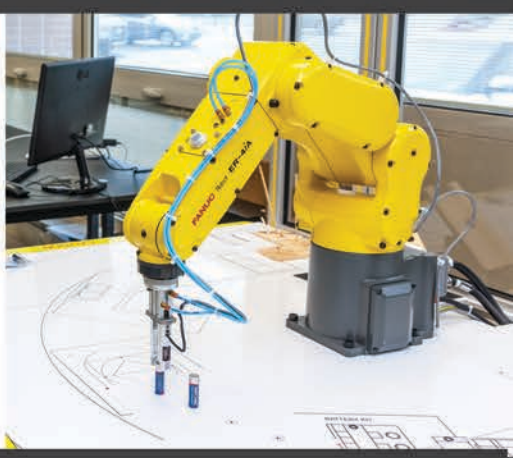
YOUR EXPERIENCE

Automation and Robotics is a two-year program that will focus on tackling real-world projects, connecting with the local automation industry and providing internship opportunities. Students will develop the knowledge and skills necessary to program, safely operate, and troubleshoot industrial robots and automation controllers.

Students will learn to code and debug programs on industrial robots and automation systems in a number of programming languages. Students will gain necessary knowledge to operate industrial robots and automation controllers as well as get certified as operators.

Students will complete projects, such as:

- Teaching the robot to pick up and place items, write and/or draw art projects
- Managing controls systems in an amusement park scenario
- Writing programs that will simulate real world scenarios such as traffic intersections, car washes and assembly lines
- Collaborating with the other pathways to encourage automation, such as watering and feeding in agriculture and green houses



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

7 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

Allen Bradley / Rockwell Automation PLC
Fanuc Tool Handling
First Aid & CPR
OSHA 10-Hour Safety Certification
Work Based Learning Hours
Ohio Means Jobs Readiness Seal

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Alec Byrum
E-MAIL:	byrum@mentorschools.org
PHONE:	TBD
JUNIOR YEAR:	TBD
SENIOR YEAR:	TBD
HS CREDITS:	2/year

ALLIED HEALTH Academy

2 YEAR ACADEMY



ARE YOU?

- Compassionate and caring?
- Detail oriented?
- Interested in helping others?
- A good communicator?
- Empathetic for people in need?

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

YOUR EXPERIENCE

JUNIOR YEAR:

Medical Terminology
- Diseases and treatments
- Diagnostic procedures
- Human body systems & structure

Mental Health
- Psychiatric Disorders
- Mental Diseases
- Problem solving techniques & treatment
- Intervention strategies
- Therapeutic communication techniques

SENIOR YEAR:

Patient Care
- Skill education and training for CNA exam

Allied Health
- Exploration of career opportunities in the medical profession

Capstone experience



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

9 COLLEGE CREDITS*

*May qualify for additional CCP or articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

American Heart Association (CPR, BLS, AED for healthcare providers)

Certified Nursing Assistant (CNA)

OSHA 10-Hour General Industry (Healthcare)

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Rachael Inghram, RN
E-MAIL:	ringhram@mentorschools.org
PHONE:	440.974.5336
JUNIOR YEAR:	7:22am - 9:08am
SENIOR YEAR:	12:44pm - 2:26pm
HS CREDITS:	2/year

SPORTS MEDICINE
Academy

2 YEAR ACADEMY



DO YOU?

- Like working with people?
- Want to help people recover from injuries?
- Want to work in healthcare?
- Want to help people be fit and active?

YOUR EXPERIENCE

Students will apply procedures and techniques used in athletic training and the care provided for therapeutic exercise and the rehabilitation of athletic injuries.

Topics will include:

- Injury Prevention
- Conditioning
- Wound care techniques of the musculoskeletal system
- Physical Performance
- Nutritional intake
- Exercise science in relation to other healthcare fields
- Medical Terminology
- Assessing:
  - Body Composition
  - Neuromuscular Flexibility
  - Agility
  - Balance
  - Coordination
  - Endurance



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

9 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10-Hour Safety Certification
CPR First Aid
AMCA Physical Therapy Aide Certification
ACE Certified Personal Trainer

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	TBD
E-MAIL:	TBD
PHONE:	TBD
JUNIOR YEAR:	TBD
SENIOR YEAR:	TBD
HS CREDITS:	2/year

CULINARY Academy

1 YEAR ACADEMY



DO YOU?

- Love to work in a kitchen?
- Have a creative side?
- Have a passion for cooking and baking?
- Love to work as a team?

YOUR EXPERIENCE

Let your career take off with this Culinary pathway program.
Embark on a culinary journey where students hone their skills in preparing food and beverages. From mastering the art of plating and presentation to ensuring safety and sanitation practices, our program emphasizes essential culinary techniques. With a focus on employability skills, leadership, and effective communication, students will not only become proficient in the kitchen but also managers capable of planning, organizing, and directing restaurant staff to success.

- Food Preparation
- Safety and Sanitation
- Baking Basics
- Culinary Math



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS
ServSafe:Allergens, Food Handler, Manager
OSHA

CareerSafe ServSafe

Pre-Apprenticeship through Greater Cleveland Partnership

Greater Cleveland Partnership

LOCATION:	MENTOR HIGH SCHOOL
TEACHER:	Katherine Siskind
E-MAIL:	siskind@mentorschools.org
PHONE:	TBD
TIME:	TBD
HS CREDITS:	1 Credit

PROGRAMMING
& Software Development Academy

2 YEAR ACADEMY



DO YOU?

- Think logically?
- Enjoy communicating?
- Like a field that is always changing?
- Like to see your ideas become a reality?

HONORS CREDIT AVAILABLE

HONORS PROGRAM

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

YOUR EXPERIENCE

JUNIOR YEAR:

Programming
Web Design
Mobile Application Development
Analysis and Design - Waterfall

SENIOR YEAR:

Database Design and Programming
Visual Programming
Object-Oriented Programming
Analysis and Design - Agile



Pre-Apprenticeship through Greater Cleveland Partnership

Greater Cleveland Partnership

COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

19 COLLEGE CREDITS*

*May qualify for additional CCP or articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10 Hour
SkillsUSA Career Essentials
PMI Project Management Ready

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Melinda O'Connor
E-MAIL:	oconnorm@mentorschools.org
PHONE:	440.974.5336
JUNIOR YEAR:	7:22am - 9:06am
SENIOR YEAR:	12:44pm - 2:26pm
HS CREDITS:	2/year

CYBERSECURITY Academy

1 YEAR ACADEMY



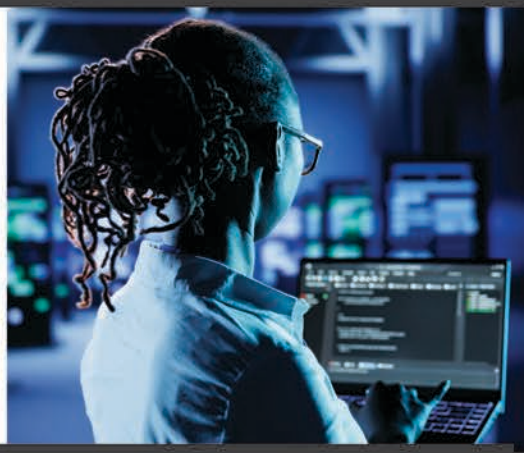
DO YOU?

- Enjoy unraveling mysteries?
- Want to protect sensitive information?
- Want to prevent digital attacks?
- Hope to learn ethical hacking?

YOUR EXPERIENCE

Let your career take off with this Cybersecurity pathway program. Students will learn cybersecurity protocols to protect sensitive data from cyber-attacks.

- Defense Testing (ethical hacking)
- Problem Solving
- Network Security



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

5 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS
Certified Secure Computer User CSCU
CompTIA Security +
CompTIA Network +

Pre-Apprenticeship through Greater Cleveland Partnership

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Bill Butterfield
E-MAIL:	butterfield@mentorschools.org
PHONE:	TBD
TIME:	TBD
HS CREDITS:	1 Credit

MICROSOFT Academy

1 YEAR ACADEMY



DO YOU?

- Hope to improve your skills in Word, Excel, Powerpoint & Outlook?
- Want to set yourself apart from other job applicants?
- Want to boost your resume?
- Want to increase your potential income?

YOUR EXPERIENCE

Let your career take off with this Microsoft pathway program.
This program empowers students to acquire industry-recognized business credentials in retail management, customer service, sales, and Microsoft Office. The attainment of these certifications not only enhances the students' skill set but also boost their employability/marketability by providing solid proof of proficiency in key areas sought after by employers in the business sector.

Through engaging real-world exercises students will actively apply their knowledge, ensuring a practical understanding of the material and effectively preparing them to earn industry-recognized business credentials in retail management, customer service, sales, and Microsoft Office. This hands-on approach not only enriches their learning experience but also equips them with the practical skills necessary to excel in the professional world.



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS
Microsoft Office Specialist Word
Microsoft Office Specialist Excel
Microsoft Office Specialist Outlook
Microsoft Office Specialist PowerPoint
Rise Up

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Kevin Megyes
E-MAIL:	megyes@mentorschools.org
PHONE:	TBD
TIME:	TBD
HS CREDITS:	1 Credit

MENTOR FIRE EMT Academy

2 YEAR ACADEMY



DO YOU?

- Thrive in high stress situations?
- Want to help people in medical crisis?
- Work well under pressure?
- Have a calming nature?
- Communicate well?

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

YOUR EXPERIENCE

The Mentor Fire Dept. EMT Academy, a collaborative initiative with Mentor Fire and Lakeland Community College, offers students a comprehensive program to acquire the essential skills needed for earning their EMT basic certification. Through this partnership, participants gain valuable insights into the dynamic field of public safety while honing their emergency medical technician capabilities. The academy provides a unique opportunity for individuals aspiring to excel in the realm of emergency medical services.

Students will assess patient's condition, administering appropriate emergency medical care, and perform EMT duties safely and effectively.

At the end of this course, successful students will be eligible to sit for the "National Registry for Emergency Medical Technicians test.

! PLEASE NOTE: Students must be 16 by August 15th to enter the program



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

11 COLLEGE CREDITS*

*May qualify for articulated credit for Traditional CTE pathway

CREDENTIALS AVAILABLE:

- Ohio Rescue Task Force Certification and Ohio Trauma Triage Certification
- State of Ohio EMT-Basic, upon successful completion a student will become a National Registered Emergency Medical Technician
- American Heart Association-CPR/BLS/ for Healthcare Providers
- National Incident Management System (NIMS) 100 & 700

LOCATION:	**MENTOR FIRE DEPT.**
TEACHER:	Jerry Craddock
E-MAIL:	craddock@mentorschools.org
JR. YEAR:	1 Period (specific mods TBD)
SR. YEAR:	11:30AM - 1:50PM
HS CREDITS:	1 J.r. Year / 3 Sr. Year

CCP CRIMINAL

Investigation Academy at Lakeland



DO YOU?

- Have an interest in law?
- Enjoy solving problems?
- Have an interest in drone technology?
- Plan to study criminal justice in college?

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

YOUR EXPERIENCE



ACADEMIC DAY:

This course meets 2.5 hours a day and introduces students to the fundamental concepts of criminal justice and crime scene investigation while also incorporating the use of drones in law enforcement and forensic analysis. Topics covered include the structure, history and operation of the criminal justice system, the legal and ethical standards of criminal investigations, how to apply forensic techniques to collect, preserve, and analyze evidence at a crime scene, physical evidence types, crime scene documentation and the application of drones in crime scene documentation. Students will learn how drones can enhance the efficiency and accuracy of crime scene mapping, surveillance, and evidence gathering. Through lectures, case studies, and practical exercises, students gain insight into the roles and responsibilities of professionals within the criminal justice system and the importance of adhering to proper procedures to ensure the integrity of the investigative process. *Program fees may apply for uniforms.

COLLEGE CREDITS AVAILABLE (TO THOSE WHO QUALIFY):

- **CRMJ 1110 Introduction to Criminal Justice - 3 Credits**
- **CRMJ 1230 Crime Scene Investigation - 3 Credits**

COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

6 COLLEGE CREDITS*

*May qualify for articulated credit for Traditional CTE pathway

CREDENTIALS AVAILABLE:

- Lapsen National Law Enforcement Certification
- Part 107 Remote Pilot Certification
- Bleeding Control Basic 1.0 Course
- Compliance Training - Bloodborne Pathogens
- CPR/First Aid

LOCATION: LAKELAND COMMUNITY COLLEGE
TEACHER: Lakeland Instructor
E-MAIL: TBD
PHONE: 440.974.5336
TIME: TBD

MANUFACTURING Academy

1 YEAR ACADEMY



DO YOU?

- Enjoy working with your hands?
- Have a mechanical mind?
- Have an attention to detail?
- Like to work with technology?

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

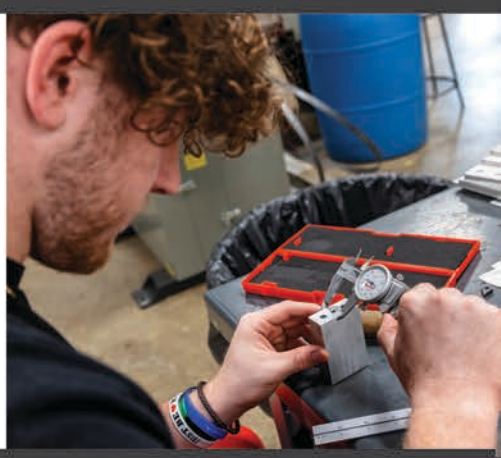
ApprenticeOhio

YOUR EXPERIENCE

Our pre-apprenticeship Advanced Manufacturing program is a fantastic way to jumpstart your career and earn while you learn! Over this one-year program, students work toward an Ohio Apprenticeship Council-recognized pre-apprenticeship certificate, which can count as up to one year of credit toward an apprenticeship program. Those who meet program requirements will also have the opportunity to interview for a paid second-semester internship with a local partner organization, gaining valuable hands-on experience during the school day while building professional connections and earning income.

COURSE WORK:

- Autocad
- Shop Safety
- Blueprint reading
- Measuring tools and inspection techniques
- Manual machining
- SolidWorks (introduction)
- SurfCAM (introduction)
- CNC Programming (introduction)
- CNC Machine (introduction)



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

4 COLLEGE CREDITS*

*May qualify for additional CCP or articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

OSHA 10-Hour Safety Certification

Ohio State Apprenticeship Council Recognized

Pre-Apprenticeship Program Certificate of Completion

LOCATION:	**LAKELAND COMMUNITY COLLEGE**
TEACHER:	Matt Kulbis
E-MAIL:	kulbis@mentorschools.org
PHONE:	440.974.5336
PROGRAM TIME:	7:30am - 10:00 am -OR- 11:30 am - 2:00 pm
HS CREDITS:	3/year

CCP WELDING
Academy at Lakeland

1 YEAR ACADEMY



DO YOU?

- Love to work with your hands?
- Enjoy working with metal?
- Like to create new products?
- Pay attention to detail?

CCP CREDITS AVAILABLE

Lakeland COMMUNITY COLLEGE

CollegeCredit PLUS

This opportunity is exclusively reserved for students within the Mentor Career Academies.

YOUR EXPERIENCE

ACADEMIC DAY:

We are thrilled to announce the establishment of a new one-year Lakeland Community College CCP Welding Academy, aimed at expanding welding opportunities for our students. Throughout this academy, students will undertake college credit plus(CCP) courses instructed by Lakeland staff. Our comprehensive welding academy covers Shielded Metal Arc Welding (SMAW), Gas Tungsten Arc Welding (GTAW/TIG), Flux Cored Arc Welding (FCAW), and Gas Metal Arc Welding (GMAW). In SMAW, students master fillet and groove welds on carbon steel in flat and horizontal positions, with hands-on practice using manual welding equipment and techniques, including special metals handling and certification requirements. Additionally, students gain expertise in metal fabricating, focusing on safety, print reading, welding symbols, and operation of fabricating machines and mechanized welding equipment. In GTAW/TIG, students learn cost-effective welding techniques for carbon steel, stainless steel, and aluminum, emphasizing equipment setup and manipulation techniques. Finally, our course covers FCAW and GMAW, teaching fillet and groove welding in flat and horizontal positions on various metals, providing students with essential skills and knowledge for a successful welding career.

COLLEGE CREDITS AVAILABLE

- WELD 1320 Basic SMAW (Stick) Welding (2 credits)
- WELD 1340 Basic FCAW (Flux Cored) and GMAW (MIG/MAG) Welding (3 credits)
- WELD 1330 Basic GTAW (TIG) (3 credits)
- WELD 1040 Introduction to Metal Fabrication and Mechanized Welding (3 credits)

INDUSTRY RECOGNIZED CREDENTIALS:

- Various American Welding Society (AWS) Credentials

AWS American Welding Society



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

11 COLLEGE CREDITS*

LOCATION:	LAKELAND COMMUNITY COLLEGE
TEACHER:	TBD
E-MAIL:	TBD
PHONE:	TBD
TIME:	Cohort 1: 7:30am - 10:00am Cohort 2: 11:30am - 2:00pm
CCP CREDITS:	11 CREDITS

AUTOMOTIVE Academy

2 YEAR ACADEMY



DO YOU?

- Enjoy working with your hands?
- Wonder about how cars work?
- Like to solve problems?
- Want to help people?
- Have a mechanical mind?
- Have a desire to work in the transportation industry?

YOUR EXPERIENCE

JUNIOR YEAR:

- OSHA 10-hour industry certification
- Use AllData (OEM repair information and diagnostic tools)
- Use hand tools, power tools, shop equipment
- Replace filters and fluids
- Perform routine maintenance
- Tire service, repair, and balancing Service, repair, and replace brake, steering & suspension components

SENIOR YEAR:

- Precision measuring instrument use
- Inspect repair engine and drive line components
- Electrical / electronic theory, diagnosis, service, & repair
- Engine performance theory, diagnosis, service, & repair
- Advanced testing and diagnostic procedures
- Identify customer needs, determine labor rates, create estimates
- Utilize technical service bulletins



COLLEGE & CAREER READY

COLLEGE CREDITS

Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

- OSHA 10-Hour Safety Certification
- Snap-on Master Rotor Matching (ProCut) Certification
- Snap-on Multimeter Certification

LOCATION: CLASSIC AUTOMOTIVE TRAINING CENTER
TEACHER: Anthony Rozman
E-MAIL: rozman@mentorschools.org
PHONE: 440.974.5336
JUNIOR YEAR: 7:30am - 10:00am
SENIOR YEAR: 11:30am - 2:00pm
HS CREDITS: 3/year

AVIATION Academy

1 YEAR ACADEMY



DO YOU?

- Wonder how things can fly?
- Have quick problem solving skills?
- Work well with others?
- Love being outdoors and exploring?

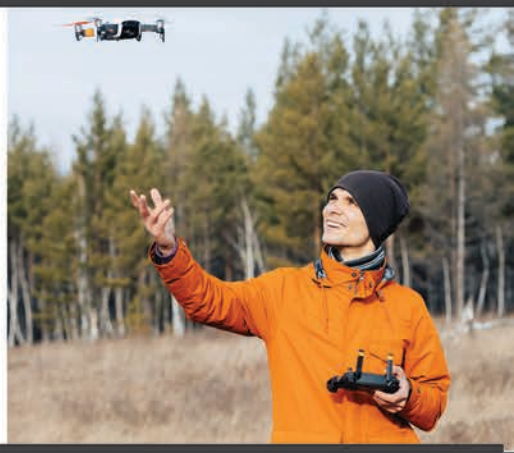
YOUR EXPERIENCE

Let your career take off with this Aviation pathway program.
Our new Aviation Academy is designed to allow students to explore a variety of aviation careers. Through hands-on activities, participants gain practical experience while also having the opportunity to pursue the path of becoming a FAA commercial drone pilot. This comprehensive initiative aims to inspire and equip students for a successful future in the dynamic field of aviation.

Become a FAA licensed drone pilot.

Students will study aviation theory, navigation and management and safety

Unmanned Aerial Systems (UAS), drones



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS
- FAA Part 107 Remote Pilot Certification (Drone)
- Operator's License (Commercial Drone License)
- Small unmanned Safety Institute Certification Level 1

USI UNMANNED SAFETY INSTITUTE® Federal Aviation Administration

LOCATION: MENTOR HIGH SCHOOL
TEACHER: Alec Byrum
E-MAIL: byrum@mentorschools.org
PHONE: 440-974-5336
TIME: TBD

HS CREDITS: 1 Credit

CARDINAL WORKS

2 YEAR ACADEMY

A Job Training Coordination (JTC) Program



DO YOU?

- Want to work
- Like helping your community
- Want to improve your soft skills
- Want to become more independent

The Cardinal Works program requires recommendation from the student's school counselor.

YOUR EXPERIENCE

The Cardinal Works program provides technical, on-the-job training for students who require individualized supports to transition to competitive, integrated employment upon graduation. In Cardinal Works, students participate in work programs that enable them to develop work attitudes, values, soft, and interpersonal skills needed to succeed in the world of work.

This program assists students in understanding their individual potential while helping set and reach employment goals. The primary objective for the Cardinal Works program is to match the student's abilities and interests with the needs of an employer. This program embeds the necessary supports to ensure student success in the workforce. Students receive authentic learning experiences that include job training, daily living skill practice, visiting local business and industry partners, collaboration with community agencies and support with job placement.



AVAILABLE INDUSTRY- RECOGNIZED CREDENTIALS

OSHA 10 HOUR CERTIFICATION

ServSafe National Restaurant Association

Pre-Apprenticeship through Greater Cleveland Partnership

Greater Cleveland Partnership

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Christina Wilcox
E-MAIL:	wilcoxc@mentorschools.org
PHONE:	440-974-5300
DIRECT:	440-974-5313
TIME:	Two Options - 7:30am - 9:06am and 11:50am - 2:26pm
HS CREDITS:	2/yr.

WORKFORCE-READY Academy

1 YEAR ACADEMY



DO YOU?

- Want to gain work experience?
- Want to gain employability skills?
- Hope to create a career path?
- Like to 'learn while you earn'?

The Cardinal Works program requires recommendation from the student's school counselor.

YOUR EXPERIENCE

The Workforce-Ready Academy is dedicated to equipping students with the skills and experience needed for a seamless transition into the workforce. Focused on practical education and career preparation, the program offers the following key components:

Career-Based Instruction: Work-based program allowing students to work part-time during the regular school day.

Comprehensive Career Preparation: Focus on developing a career plan participating in career pathways, and acquiring essential skills like goal setting, decision making, career research, application and interviewing skills, money management, and workplace health and safety.

Smooth Transition to Workforce: The program prepares students for post-secondary education and the professional world, providing practical experience and emphasizing crucial skills for a successful transition into the workforce.



COLLEGE & CAREER READY

COLLEGE CREDITS
Students who have successfully completed the program and met the requirements for college credit can earn up to:

1 COLLEGE CREDITS*

*May qualify for additional articulated credits

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

LOCATION:	**MENTOR HIGH SCHOOL**
TEACHER:	Matt Gray
E-MAIL:	gray@mentorschools.org
PHONE:	440-974-5336
TIME:	7:30 AM - 10:01 AM
HS CREDITS:	4 Credits

INDUSTRY Credentials

Many of the Lake Shore Compact programs offer opportunities for students to earn industry-recognized credentials. An industry-recognized credential is a validation of knowledge and skill that can give students a competitive advantage at graduation. The following is a partial list of industry credentials available through Lake Shore Compact:

ACA Illustrator

ACA Print & Digital Media Publication Using Adobe InDesign

ACA Visual Communications Using Adobe Photoshop

ACE Certified Personal Trainer

Allen Bradley/Rockwell Automation PLC

AMCA Physical Therapy Aide

AWS

APCO

Certified Solid Works Associate

Child Abuse Awareness and Prevention Certificate

Communicable Disease Prevention Certificate

CompTIA Network +

Certified Secure Computer User

CompTIA Security+

CPR/First Aid Certification

EMT Basic

Entrepreneurship and Small Business Certificate

EPA 608 Refrigerant Recovery Core + Level 1

FANUC Tool Handling

Forklift Operator

Microsoft Office Specialist Word

Microsoft Office Specialist Excel

Microsoft Office Specialist Outlook

Microsoft Office Specialist PowerPoint

National Incident Management System 100, 100.c

National Incident Management System 200, 200.c

PMI Project Management Ready

National Incident Management System 700, 700.b

National Incident Management System 800, 800.c

Greater Cleveland Partnership

Pre-Apprenticeship through Greater Cleveland Partnership

ApprenticeOhio

Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion

CareerSafe
SAFETY EDUCATION FOR AMERICA'S FUTURE

OSHA 10-hour Safety Certification

NRF FOUNDATION RISE UP
RETAIL INDUSTRY FUNDAMENTALS
SPECIALIST

Rise Up Retail Industry Fundamentals Certification

ServSafe
National Restaurant Association

ServeSafe

Ohio | Department of Health

State Tested Nursing Assistant (STNA)



COLLEGE & BUSINESS PARTNERSHIPS

Mentor Public Schools provides opportunities for students to earn college credits through a number of colleges and universities. In addition to the state-wide credits available through the Career Technical Credit Transfer (CT)2, we have articulation agreements with the following colleges. For more information or help with claiming college credits, please contact Susan Roseum, Partnership Development Coordinator for Mentor Public Schools. Roseum@mentorschools.org

Cuyahoga Community College

LAKE ERIE COLLEGE

KENT STATE UNIVERSITY

Lakeland COMMUNITY COLLEGE

The University of Akron

Each of our programs partners with local businesses. We are always looking for classroom speakers, members for our business advisory boards, and placements for our student internships and capstones. If you or your business are interested in partnering with one of our programs, please contact Susan Roseum, Partnership Development Coordinator for Mentor Public Schools. Roseum@mentorschools.org.



Mentor Schools
CAREER ACADEMIES

CONTACT INFORMATION

FOR MORE INFORMATION REGARDING CAREER TECHNICAL EDUCATION, PLEASE CONTACT:

MENTOR HIGH SCHOOL

Dr. Joe Glavan, Director of Workforce Development
6477 Center Street
Mentor, OH 44060
440.974.5328
jglavan@mentorschools.org

WICKLIFFE UPPER SCHOOL

Sara Hall, School Counselor
2255 Rockefeller Road
Wickliffe, OH 44092
440.810.8192
sara.hall@wickliffecsd.org

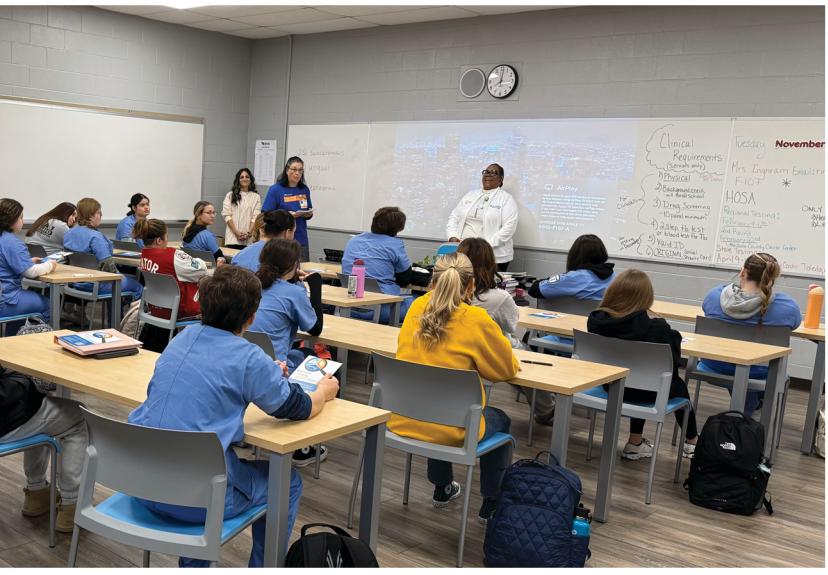








Mentor Public Schools EXPLORING CAREERS.











Mentor Schools
CAREER ACADEMIES

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TO THE PARENTS/ GUARDIAN OF:

