



**Department of  
Education &  
Workforce**

# PRINCIPAL CHAT – CAREER EXPLORATION

Dec. 13, 2023



**Ohio** Principal  
Leadership **Supports**

*Strong Principals, Strong Schools*

# Leadership Supports Webpage

- Administrative Calendar
- Resources



## Ohio Principal Leadership Supports

*Strong Principals, Strong Schools*

The Ohio Department of Education is committed to the support of all educators, and Principals and Assistant Principals in particular. A recent report on principal impact from the Wallace Foundation states, **“Principals really matter. Indeed, it is difficult to envision an investment with a higher ceiling on its potential return than a successful effort to improve principal leadership.”**



Administrative  
Calendar



Educator  
Licenses



Professional  
Development



Associations



Higher  
Education



Resources



Ohio

Department  
of Education

# MESSAGE FROM OAESA AND OASSA

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Now is the time to join your professional organization!

- [OAESA Membership](#)
- [OASSA Membership](#)

## Upcoming Events

- [OAESA & OASSA Women's Leadership Conference](#) – January 30-31, Easton Hilton
- [OAESA Second In Command Institute](#) – February 8, Virtual
- [OAESA Building Culture Institute](#) – March 7, Dublin Integrated Education Center



# TODAY'S AGENDA

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Welcome and Introductions

General Updates from the Department

Career Exploration – Speakers:

Ryan Hartzell, Director of Student Services, Barberton Schools

Justin Ufferman, High School Principal, North Union Local Schools;

Q & A

Next Chat – January 10: Professionalism



**Department of  
Education &  
Workforce**

# TRANSITION UPDATES

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Ohio Department of Education and Workforce (DEW)

State Board of Education (SBE)

Ohio Department of Children and Youth (DCY)



# OHIO DEPARTMENT OF EDUCATION AND WORKFORCE

- Steve Dackin, Director
- Leadership team appointments
- Finalizing table of organization
- [Education.ohio.gov](http://Education.ohio.gov)



**Department of  
Education &  
Workforce**

# STATE BOARD OF EDUCATION OF OHIO

- Paul Craft, Superintendent of Public Instruction
- [SBOE.ohio.gov](http://SBOE.ohio.gov)
- Licensure, Professional Conduct, and Teacher Effectiveness (Evaluation Systems)
- Teacher of the Year Program
- Territory Transfers



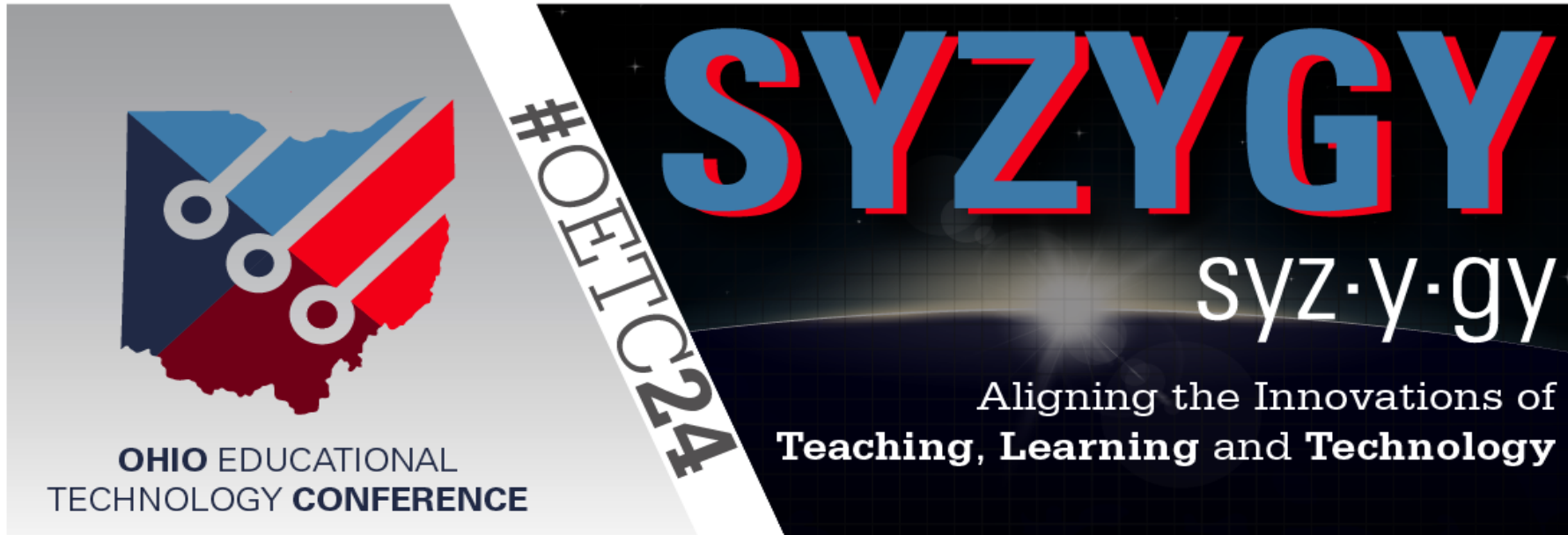
**State Board of  
Education**

# OHIO DEPARTMENT OF CHILDREN AND YOUTH

- Kara Wente, Director
- [Childrenandyouth.ohio.gov](http://Childrenandyouth.ohio.gov)
- The Department's Early Learning Team is transitioning to DCY



**Department of  
Children & Youth**



<https://oetc.ohio.gov/>





February 13-15, 2024

Greater Columbus Convention Center

Registration is now open!



# OHIO STANDARDS FOR PRINCIPALS | 2018

 <b>Leadership</b>	<b>Standard 1: Mission, Vision and Core Values</b>	The effective educational leader develops, advocates and enacts a shared mission, vision and core values.
	<b>Standard 2: Ethics and Professional Norms</b>	The effective educational leader acts ethically and according to professional norms.
	<b>Standard 3: School Improvement</b>	The effective educational leader implements collaborative structures and shared leadership to analyze data and causality, align evidence-based strategies to deliberate goals, develop the capacity of staff, and partner with internal and external supports to improve teaching and learning conditions and outcomes.
 <b>Learning</b>	<b>Standard 4: Curriculum, Instruction and Assessment</b>	The effective educational leader fosters an environment of effective and rigorous personalized instruction by ensuring each student has equitable access to effective teachers, leaders and learning supports.
	<b>Standard 5: Professional Capacity of School Personnel</b>	The effective educational leader supports all staff by promoting and organizing an environment focused on continuous improvement and personal growth to achieve positive outcomes for each student.
 <b>Culture</b>	<b>Standard 6: Equity and Cultural Responsiveness</b>	The effective educational leader models, supports and cultivates a school culture characterized by equity and inclusiveness.
	<b>Standard 7: Community of Care and Support</b>	The effective educational leader develops and sustains positive partnerships with and among students, staff and stakeholders to create a safe and caring school environment.
	<b>Standard 8: Meaningful Engagement of Families and Community</b>	The effective educational leader develops and sustains partnerships with families and the community by acknowledging the school as a community resource and understanding the context of its existence within the larger community.
 <b>Management</b>	<b>Standard 9: Strategic Staffing</b>	The effective educational leader is integral to the recruitment, hiring and assignment of staff to ensure representation of diverse expertise and skill sets are aligned to the priorities of the focused plan while also promoting staff professional growth, cultural competence and opportunities for leadership.
	<b>Standard 10: School Operations</b>	The effective educational leader develops and implements structures to maximize learning through relationships, management, fiscal responsibility and adherence to district and state laws, policies and procedures.

# RE-ENVISIONING EXPERIENCES FOR STUDENTS



**Start in Kindergarten with career awareness, exploration and preparation**

**Bring an equity lens to education and career preparation**

**Ensuring every student is equipped with the right skills to pursue a career**



# CAREER EXPLORATION

- **Ryan Hartzell**, *Director of Student Services*, Barberton City Schools
- **Justin Ufferman**, *High School Principal*, North Union Local Schools

**DO YOUR  
JOB**



**DO YOUR  
JOB**



**Barberton City Schools**



# EXPANDING THE “DO YOUR JOB” PROGRAM

- **High school is too late, need to start earlier**
- **Create an 8th Grade and 10th Grade Do Your Job course to complement the 12th Grade course**
  - **Provide teachers time to plan with HS staff**
- **4th Grade Career Experience**
  - **Students visit the HS Compact Programs**
- **Elementary and Pre-School Focus**





# DO YOUR JOB PROGRAM AT THE ELEMENTARY AND PRESCHOOL



# 21 Magic Skills

THAT WILL REWARD YOUR LIFE FOREVER!

Know this list. Then build these skills every day at Barberton schools. Together, they give you the character to enjoy more deeply the joys of family, friendship, career and just getting the most out of your life.

## Try everyday to improve your abilities to:


1. Sell and negotiate.
2. Clearly express your thoughts and feelings.
3. Break down a process into smaller, do-able steps.
4. Be still, quiet, listen and learn.
5. Adapt, improvise and overcome obstacles.
6. Read, memorize and comprehend.
7. Control yourself – walk away.
8. Manage time effectively.
9. Stay positive and upbeat.
10. Make sound fact-based decisions.
11. Speak with confidence to audiences.
12. Be persistent even after failing.
13. Soundly invest money and time.
14. Complete tasks despite challenges.
15. Understand yourself – the true you.
16. Learn how to learn everyday.
17. Have empathy for others.
18. Be steady and consistent.
19. Master your mind – control your thoughts.
20. Shape words to persuade and influence others.
21. Ask for help.

**21 Magic Skills, 21 Credits to Graduate**



# MAKING "DO YOUR JOB" PART OF OUR CULTURE

**Barberton City Schools  
Alumni Spotlight**



**Nick Sales**  
Barberton High School  
Class of 2006

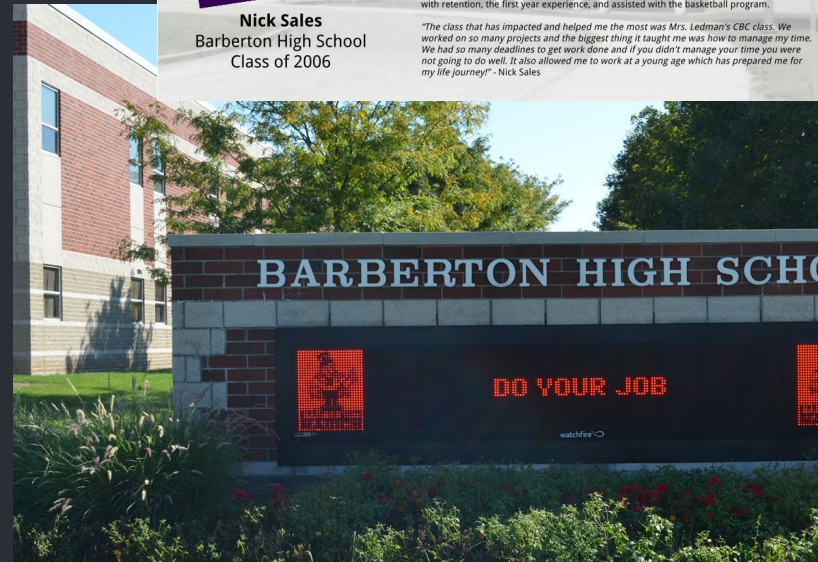
**Do Your JOB**

Nick Sales, a 2006 graduate of Barberton High School, is currently the Assistant Men's Basketball Coach at Marietta College. Sales is going on his fifth season as an Assistant Coach. In the past 4 years his teams have won 3 regular season DAC Titles, 1 DAC Tournament Champion, have made a trip to the Sweet 16, and the Elite 8 in the Division 3 National Tournament, and have been ranked as high as number 3 in the country.

After graduating from BHS, Sales played Division III basketball at Defiance College, playing Varsity all four years. During his senior year the Defiance team went 23-6 and he was named MVP of the HCAC. Sales was also named an All-Region Player as well as an Honorable Mention All-American. He finished his college basketball career with 1,383 points, 833 rebounds, 79 blocks and a program record 60.5 career field goal percentage.

Sales coached one season at Albion College in Michigan after his graduation from Defiance. The following year he returned to Defiance College as a graduate assistant where he helped with retention, the first year experience, and assisted with the basketball program.

*"The class that has impacted and helped me the most was Mrs. Ledman's CBC class. We worked on so many projects and the biggest thing it taught me was how to manage my time. We had so many deadlines to get work done and if you didn't manage your time you were not going to do well. It also allowed me to work at a young age which has prepared me for my life journey!" - Nick Sales*





## Academic Performance

Requirements for each grade

- ✔ Credits
- 👉 Volunteer Hours
- 🌟 Graduation Seals
- 🕒 Tips for Success

### 9<sup>th</sup> Grade Requirements

- ✔ Complete a minimum of **5 credits**
- 🌟 **Important:** Start work on required Graduation seals
- 🕒 Look into ACT prep, Compact programs, summer work and volunteer opportunities



Learn more about Graduation Seals.

### 10<sup>th</sup> Grade Requirements

- ✔ Complete a minimum of **10 credits**
  - + English II, US History, Biology, Geometry
- 🌟 Continue work on Graduation Seals
- 🕒 Look into ACT prep, Compact programs, summer work and volunteer opportunities

On track? Interested in an alternate path to graduation? Learn about opportunities with Four Cities Compact, CCP and the military on reverse.

### 11<sup>th</sup> Grade Requirements

- ✔ Complete a minimum of **14 credits**
- ✔ Take the Government Course exam
- 🌟 Continue work on Graduation Seals
- 🕒 Eligible for Senior Internship, State ACT (Spring)
- 👉 Begin Volunteer Hours (May 1)

### 12<sup>th</sup> Grade Requirements

- ✔ Complete a minimum of **21 credits**
- 🌟 Continue work on Graduation Seals
- 👉 Work on Volunteer Hours (Due April 15)

### GRADUATION REQUIREMENTS

- ✔ **21 required credits** completed
- 🌟 **2 Graduation Seals** - one state, one local
- 👉 **10 Volunteer Hours** (Due April 15)





# Resources

## Counseling & Mental Health

[RedOakBH.org](http://RedOakBH.org)

Red Oak Behavioral Health provides embedded mental health services to students during the school day, making access simple and convenient.

## Guidance Office

330-753-1025 ext. 25510

Stop by or call the High School Guidance Office if you need assistance with your graduation path. Our guidance counselors are available to answer questions and review requirements, and will work with you to map out a clear path to graduation.



## Pathways and the 3E's

Barberton City School District recognizes that every student is unique. Our 3E's Program helps students understand their skills, aptitude and passions – and provides the resources they need to pursue them.

Our goal is for every student to graduate with a solid plan to explore the pathway that they are most interested in: enrollment in college, employment in a meaningful career or enlistment in the military.

**Enrollment:** For college-bound students, Barberton High School students are able to earn credits while still in high school through College Credit Plus. BHS also provides opportunities for students to visit local college campuses to find the best fit.



Ohio.gov College  
Credit Plus



FAFSA  
Application

**Employment:** Our Four Cities Compact offers more than 20 career options. We also maintain relationships with local employers and organize mock interviews to help our students land great jobs after they graduate.



Four Cities  
Compact



Ohio.gov  
Top Ohio Jobs

**Enlistment:** We help students at every level develop skills, habits and attitudes that build character and success in their journeys. For many students, this aptitude is perfect for military enlistment, where they continue learning, seeing the world, and proudly serving our country.



Ohio.gov  
Military Enlistment

## Tutoring

[mandric@barbertonschools.org](mailto:mandric@barbertonschools.org)

All Barberton students from Preschool to Grade 12 have access to free extra support in the classroom from tutors. Contact Curriculum Specialist Michael Andric to learn more.

## Jobs for Ohio's Graduates

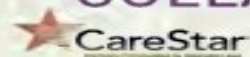
[JogWorks.org](http://JogWorks.org)

JOG helps youth with multiple barriers to success complete their education and successfully transition to employment at a livable wage or post-secondary job training.

To learn more, contact Career Specialist Ashley Simmons at [asimmons@jogworks.org](mailto:asimmons@jogworks.org) or 330-374-9445.



# BARBERTON COMMUNITY WELLNESS COLLABORATIVE



Home visits and community-based resources and services. Explanations of Insurance Coverage including Medicaid and Medicare. Connections to community resources including mental health services, education, housing, utility assistance, meals and transportation. Electronic or telephonic appointment reminders.

Contact: Paul S. Howe, MSW, LSW  
330-858-4058, phowe@carestar.com  
www.carestar.com



CHC is a prevention, Addition, and MH treatment provider. Programs include prevention, addiction, and mental health treatment provider. Too Good for Drugs: Classroom based curriculum. Summit County Youth to Youth, a youth-led adult guided program for 5th-12th grade.

Contact: Lauren Mank at 330-606-7634, or visit us at [www.summit2y.org](http://www.summit2y.org)



TAPS Program - Toddlers and Preschoolers Succeeding Individual and Family Counseling for children and adults. Psychiatry and Case Management Services.

Contact Admissions at 330-762-8591 or [www.cgfs.org](http://www.cgfs.org)



Outpatient Counseling (ages 4-adulthood)  
Outpatient Substance Use Counseling (ages teen - adulthood)  
Case Management Services  
Psychiatry Services for Child, Adolescent, and Adults  
MRSS (Mobile Response and Stabilization Services)

Contact: 330-379-0667  
[www.colemanservices.org](http://www.colemanservices.org)



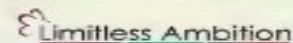
Prevention, addiction, and mental health treatment provider. Pregnancy and infant safety supports. Services for deaf/hard of hearing. Peer parent support for those parenting children with special/complex needs. Adolescent Suicide Prevention Program provides services for students in 6th-12th grade.

Contact: Audio Phone: 330-376-9494, Video Phone: 234-525-6176 (for the deaf and hard of hearing) or visit our website at [www.greenleafctr.org](http://www.greenleafctr.org)



College Readiness, Career Exploration, Financial Literacy, ACT Prep. Visit and tour different universities. Summer Institute: Live on Campus Sunday through Friday. Take non-credit courses. Get the college experience. Take a road trip the final week to visit out of state colleges as well as cultural excursions. Observe and learn about career opportunities in various fields.

Contact: [upwardboard@kent.edu](mailto:upwardboard@kent.edu), 330-672-2928, or [www.kent.edu/upwardboardprogram](http://www.kent.edu/upwardboardprogram)



Teen enrichment programs for girls and young women. Care packages for young women impacted by trauma/who are in foster care. Women's empowerment events.

Contact: Alicia Robinson  
[AliciaRobinson@LimitlessAmbition.Org](mailto:AliciaRobinson@LimitlessAmbition.Org)  
[www.LimitlessAmbition.Org](http://www.LimitlessAmbition.Org)



Diagnostic Assessments  
Counseling/Therapy  
Case Management  
Mental Health Day Treatment  
After school services for children and adults

Contact: Todd Fox at [todd@peterjamesbh.com](mailto:todd@peterjamesbh.com) or (216) 232-5455 ext. 713 [www.peterjamesbh.com](http://www.peterjamesbh.com)



School based counseling and case management  
Outpatient counseling and psychiatric services  
Parenting Classes  
Prevention and Intervention services provided by Wellness and Prevention Specialists  
I.C.A.R.E. Mentoring: Mentoring Services (Adult to student and Peer to Peer/Group Mentoring)

Contact: 330-996-4400  
[www.redoakbh.org](http://www.redoakbh.org)



Access to computers and free Wi-Fi. Meeting/Study Rooms open to the public. Fun & informational programs for all ages. Request home delivery services. Print, copy, fax and scan services. Access to free books, DVDs, video games. Case worker from Job & Family Services available on the first Tuesday of every month.

Contact: [www.barbertonlibrary.org](http://www.barbertonlibrary.org) (330)745-1194

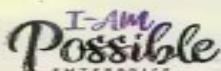


First Star  
Free, comprehensive four-year college access program for youth in foster care. Four-week residential summer Academy where youth live on the Kent State Campus. Monthly interactions during the academic year.

Email: [firststarinfo@kent.edu](mailto:firststarinfo@kent.edu) Phone Number: 330-672-3039 <https://www.kent.edu/first-star>



Community Support Services  
Individual and Group Therapy  
Case Management  
Motivational speaking  
Life Coaching



PBIS Support  
School staff support and education  
Coaches teachers on dealing with negative behaviors  
Leads Restorative Circles  
Engagement in PBIS implementation  
Provides Social Emotional Learning Support



Work based learning opportunities through work experiences, job shadowing, and career exploration  
Soft skills training  
Individualized career counseling  
Academic Support  
Financial literacy guidance



After-School programming offered for K-5th grade with summer options. Homework help, tutoring and time to help develop good study habits. Well balanced meals with a Healthy Habits course to develop lifestyle choices.

# THE “*DO YOUR JOB*” INITIATIVE:

Can be **EASILY REPLICATED**

Has a **LOW COST**

**ENGAGES** the Community and Local Business

Teaches **SOFT SKILLS**

Provides **MEANINGFUL CAREER ADVISORY**

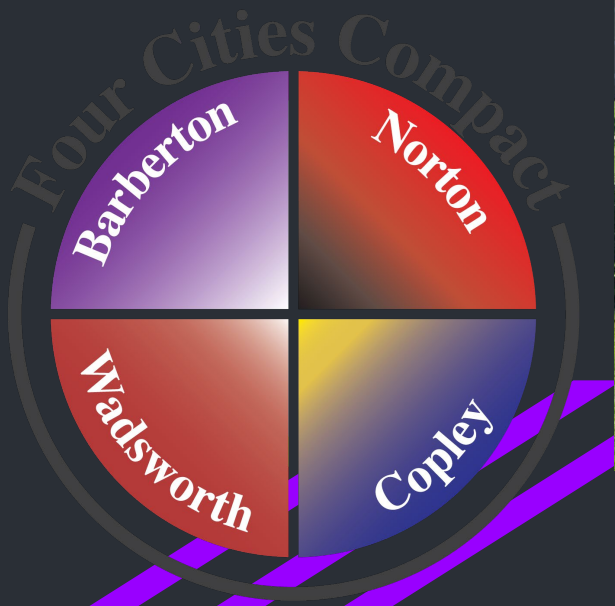
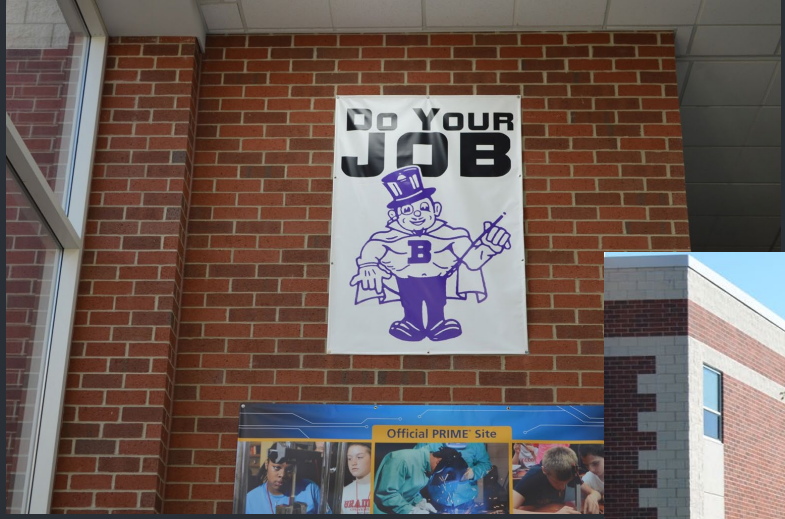
Promotes **MULTIPLE PATHWAYS TO SUCCESS**





# QUESTIONS??

# DO YOUR JOB



rhartzell@barbertonschools.org

# North Union Local School District



Pathways and Career Technical Education



## VISION

# PREPARE CHALLENGE EMPOWER

## MISSION

Together with our **community**,  
**preparing** students for a changing world,  
**challenging** students to grow,  
**empowering** students to achieve with purpose.

## CORE VALUES

We value community.

We value opportunities for students to take risks and explore their strengths.

We value our work ethic, skill development, and employability.

We respect the past and look forward to the future.



# NUHS at a Glance



	Enrollment #	Pct
All Students	372	
American Indian or Alaskan Native	NC	NC
Asian or Pacific Islander	NC	NC
Black, Non-Hispanic	NC	NC
Hispanic	NC	NC
Multiracial	NC	NC
White, Non-Hispanic	365	98.1
Students with Disabilities	40	10.6
Economic Disadvantage	115	31
English Learner	NC	NC
Migrant	NC	NC

If Enrollment is less than 10, results are Not Calculated (NC).



North Union High School

School at a glance ▾



Exceeds state standards

## Overall Rating

Districts and schools receive an overall rating of 1 to 5 stars in half-star increments. The overall rating is comprised of five rated components. The College, Career, Workforce and Military Readiness Component is report only and does not contribute to the overall rating on the 2023 Ohio School Report Cards.

- 107 graduates from the class of 23.
  - 35% - 4 year colleges
  - 22% - 2 year & technical
  - 41% - Work
  - 2 - Military





# NUHS Pathways



## **Career Pathways**

Each North Union student will be expected to declare a career pathway by the beginning of their sophomore year. Students will be able to change pathways as needed, and participate in multiple pathways. Please see subsequent information on the different pathways offered at NUHS.

### **Required for all students:**

601: Career/Financial Choices

### **Agri-Science Pathway:**

700-701: Agri-Science 1: Agriculture, Food, & Natural Resources

703-704: Agri-Science 2: Animal/Plant Science

706-707: Agri-Production 3: Mechanical Principles

709-710: Agri-Production 4: Business Management for Ag & Environmental Systems

712-713: Ag Business: Work Release

714-715: Ag Business/Employability Skills

716-717: Ag Capstone

718-719: Ag Capstone Work Experience

720-721: Science & Technology of Food

### **Business & Administrative Services Pathway:**

620-621: Business Foundations

624-625: Practical Business Applications

622-623: Strategic Entrepreneurship

607: Marketing (one semester)

OIS1240: Computer Applications (CCP)

### **Pre-Nursing Pathway:**

928: Introduction to Healthcare Professions (freshman/sophomores)

930: Patient Centered Care (First Year)

932: Medical Terminology (First Year)

938: Mental Health (Second Year)

934: Principles of Allied Health (Second Year)

Course Fees: Students are required to purchase: scrubs, white all leather shoes, and a watch with a minute hand. Additionally, students taking the STNA (industry credential exam) may be required to pay half of the exam fee (\$50).

### **Visual Arts Pathway:**

800: Foundations of Art (may be completed in 8th grade)(one semester)

801: Drawing (one semester)

802: Painting (one semester)

803: Ceramics (one semester)

804: Sculpture (one semester)

805-806: Independent Study Art (one semester or a year)

807-808: AP Art Studio

### **Tri-Rivers Career Center Pathway:**

Courses begin in 10th grade for Construction Technology, and in 11th grade for all other programs. Students must apply and be accepted to the program. More information is available on their website: [www.tririvers.com](http://www.tririvers.com)

### **All pathways have the opportunity to participate in:**

970-971: Career Pathway Internship

960: Industry Credential Lab 1 (1st semester)

961: Industry Credential Lab 2 (2nd semester)

### **College Credit Plus Pathway:**

Various courses offered by Marion Technical College (see in this guide)

Various courses taken on a college campus

See CCP section for more information.

### **Engineering Pathway:**

950-951 Introduction to Engineering Design

952-953 Principles of Engineering

954-955 Digital Electronics

956-957: Computer Integrated Manufacturing

### **Information Technology Pathway:**

660-661: Information Technology 1

662-663: Computer Programming

### **Performing Arts Pathway:**

817-818: Marching/Concert Band

813-814: Choir

820: Music Appreciation

### **Spanish Pathway:**

500-501: Spanish 1 (may be completed in 8th grade)

502-503: Spanish 2

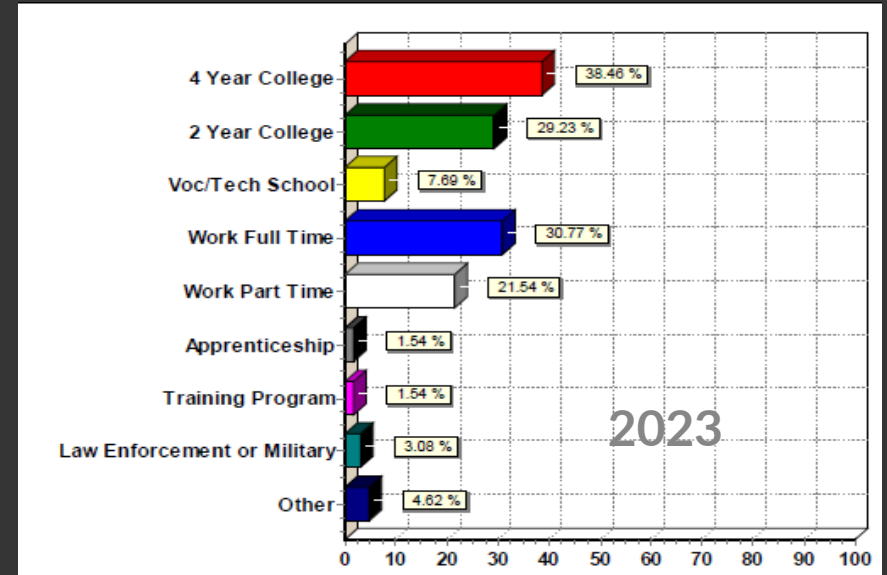
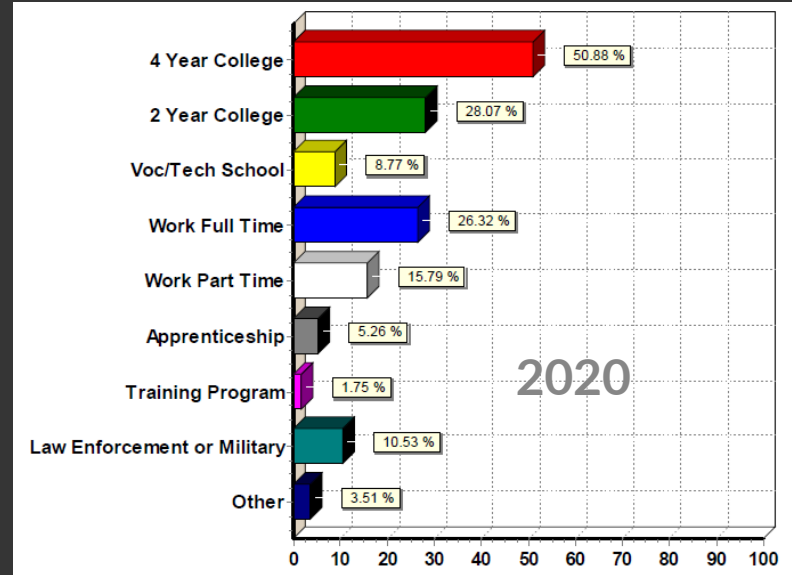
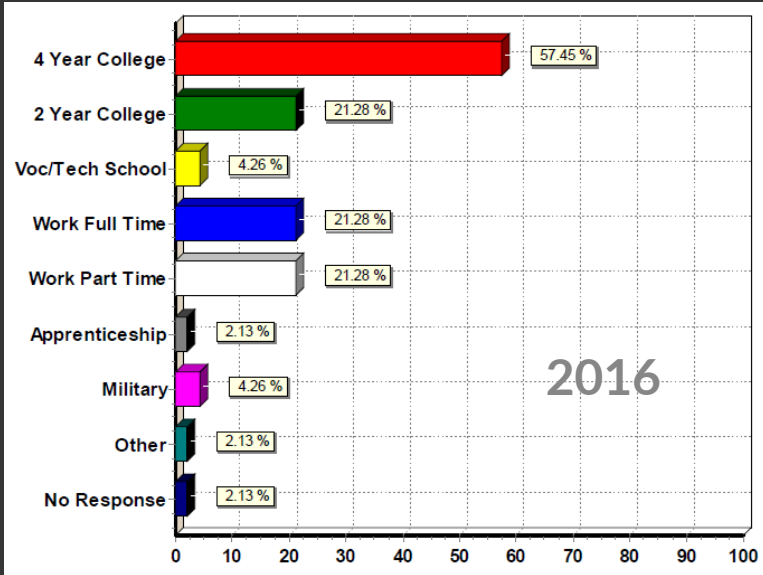
504-505: Spanish 3

506-507: Spanish 4

508-509: Spanish 5 or AP Spanish



# TRENDS OF OUR NORTH UNION STUDENTS



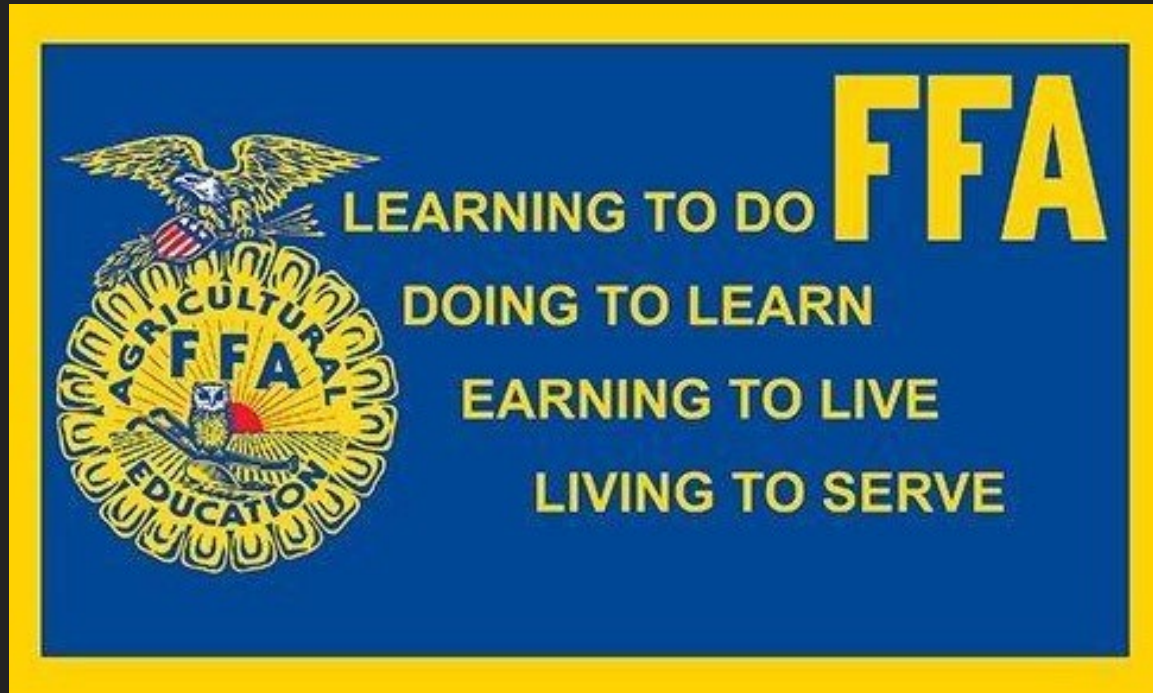


1. Agri-Science
2. Engineering
3. Business and Administrative Service
4. Pre Nursing
5. Information Technology

## NHUS CREDENTIALING TOTALS

<b>Ag Science</b>		<b>Business</b>	
Ag 1	65	Business Foundations	36
Ag 2	50	Strategic Entrepreneurship	22
Ag 3	33	*Marketing (non-CTE)	21
Ag Capstone	14	<b>Total</b>	<b>79</b>
Ag 4/Business	30		
<b>Total</b>	<b>192</b>	<b>Pre-Nursing</b>	
		Level 1	14
<b>Engineering</b>		Level 2	19
Intro to Engineering	29	*Intro to Health Care (non-CTE)	51
Prin. of Engineering	26	<b>Total</b>	<b>84</b>
Digital Electronics	10		
<b>Total</b>	<b>65</b>		
<b>Information Technology</b>			
<b>Total</b>	<b>0</b>		

# Agribusiness & Production Systems -FFA Program



Pathway provides Real Life, Real World learning in a Hands on Learning Environment.

- Highlights

- Close to half of High School involved in the Agriculture Education Program.
- Involved in the Nationally recognized North Union FFA program, particularly in Agronomy.
- Gain Premier Leadership Skill.



# Agribusiness & Production Systems - FFA Program

## Courses Offered:

Agricultural Science 1- Freshman

Animal Science, Plant Science to Shop Work

Agricultural Science 2- Freshman and Sophomores

Agricultural Science 3- Juniors

Agricultural Business/Placement- Seniors

Capstone Class

Food Science Class





# Agribusiness & Production Systems - FFA Program



# Business & Administrative Services





# Business & Administrative Services

Pathway is comprised of two main courses each one year in length:

- ❖ **Introduction to Business**

- Learn the fundamentals of business and personal finance topics (life skills)

- ❖ **Practical Business Applications**

- Learn Microsoft (Word, Excel, Power Point, and Access.)
- Students can earn Microsoft certification

Elective Course--Semester

- ❖ **Marketing**

- Learn to promote products, services and sports/entertainment



# Business & Administrative Services



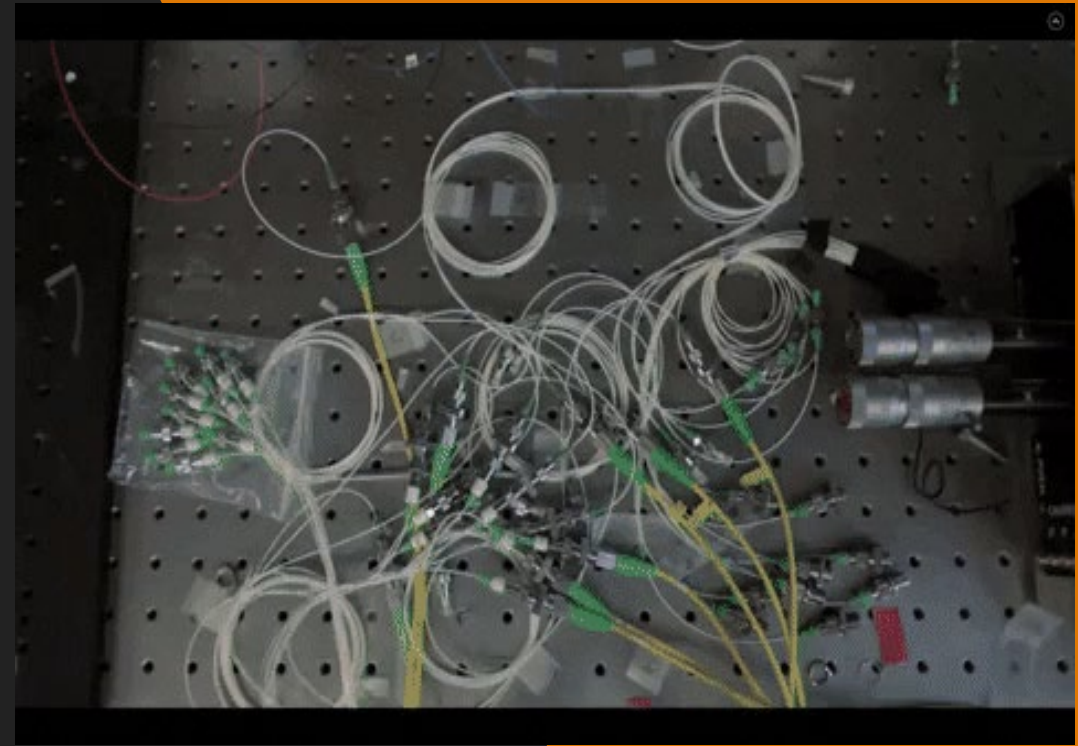
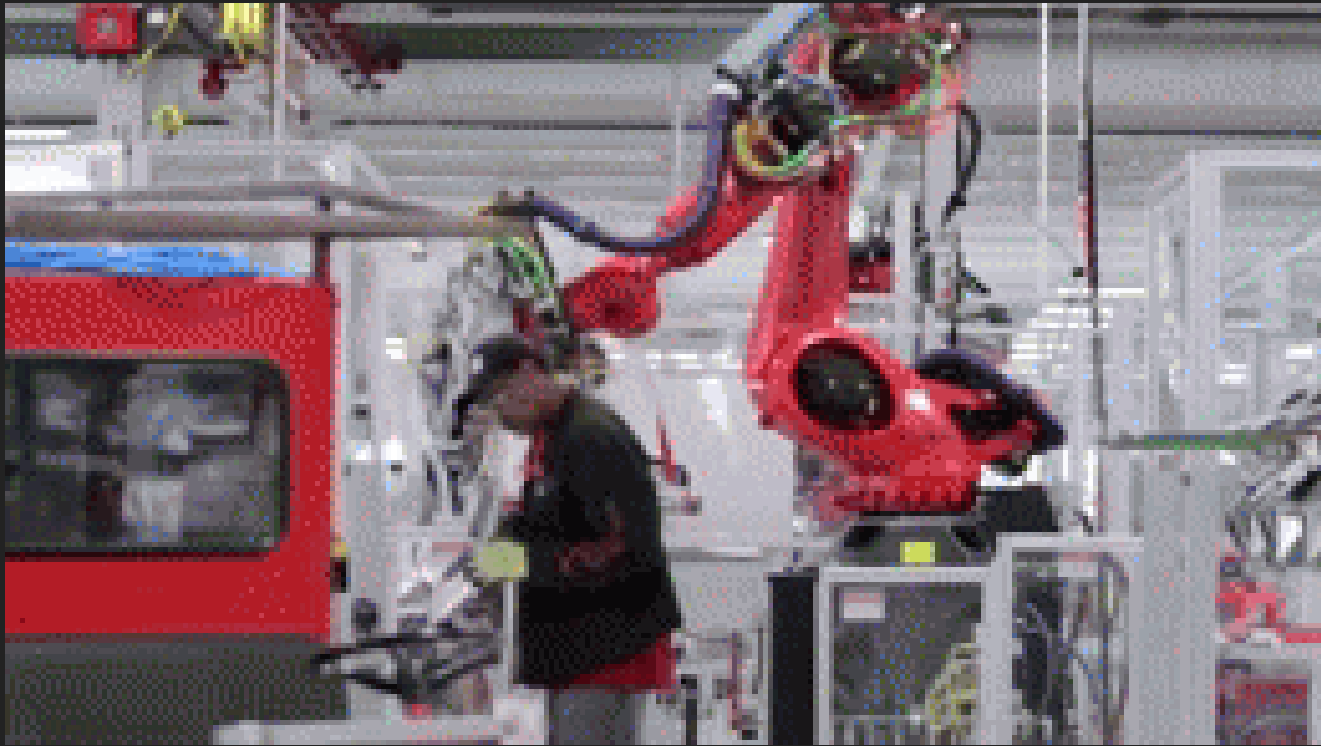
- ❖ Students will use skills to generate ideas for new products and services to develop strategies for opening a business while writing a business plan
- ❖ Learn about branding, promoting products, and managing customer relationships.
- ❖ Be a member of Business Professionals of America
  - Compete against other students & schools to earn top awards
- ❖ Take interesting field trips!



# Business & Administrative Services



# Engineering & Manufacturing

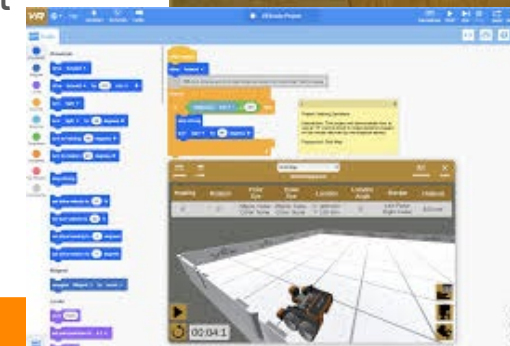
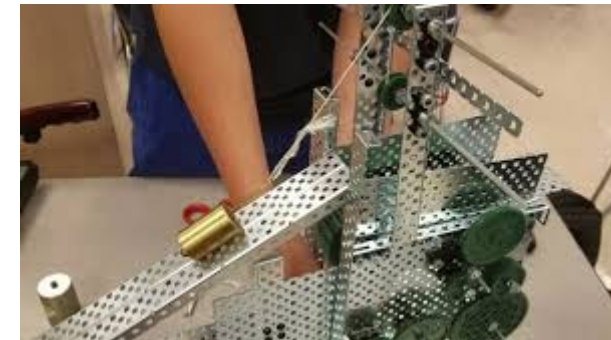
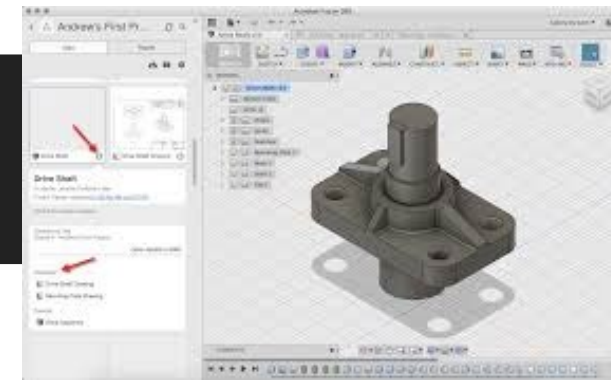
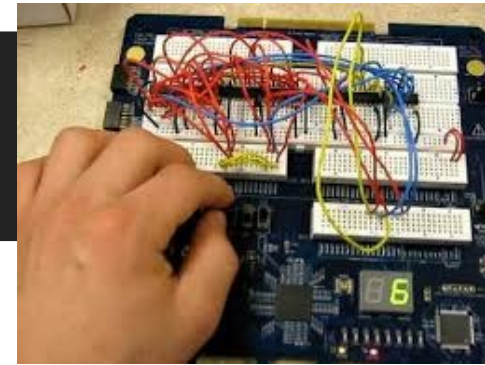




# Engineering & Manufacturing

## 4 PLTW Engineering Courses:

- ❖ ***Introduction to Engineering Design***
  - Dig deep into the design process, solve real world problems using 3D modeling software (Fusion 360), and learn to utilize 3D printing technologies.
- ❖ ***Principles of Engineering***
  - Study a broad range of engineering topics including compound machines, electricity, bridge design, robotics, and programming.
- ❖ ***Computer Integrated Manufacturing***
  - Explore manufacturing planning, robotics, programming, the implementation of automation, CNC machining, and FANUC robotics systems.
- ❖ ***Digital Electronics***
  - Develop a foundation in electrical engineering through the study of circuit design tools including logic gates, integrated circuits, and programmable logic devices.



# Engineering & Manufacturing

## Why Choose Engineering Courses?

- Engineering is one of the most ***In Demand, Highest Paying*** career fields for two and four year college degrees.
- You will learn ***Cool Skills*** (3D Design, Robotics, Programming, Electrical Wiring, Circuit Boards, 3D Printing, CNC Machining) - Skills that local industries are actively seeking.
- PLTW Courses are ***Project Based*** (Hands On, Real World Applications, Fun & Engaging)

## Is Engineering for You?

- Do you like Problem Solving? Design Challenges? Figuring out how stuff works? Taking things apart? Building Robots? Tinkering? Learning new skills? ***If so, you will love these courses!***

## Engineering is Open to ALL Students:

- Our goal is to make engineering ***Fun and Engaging for ALL students.***
- We recognize a wide range of student learning levels and future goals. We will adjust based on ***Student Needs.***

<b>Engineer</b>	<b>Ave. Salary</b>
<b>Agricultural</b>	<b>\$75,000</b>
<b>Mechanical</b>	<b>\$87,000</b>
<b>Civil</b>	<b>\$87,000</b>
<b>Electrical</b>	<b>\$96,000</b>
<b>Chemical</b>	<b>\$104,000</b>
<b>Nuclear</b>	<b>\$107,000</b>
<b>Aerospace</b>	<b>\$107,000</b>
<b>Computer</b>	<b>\$110,000</b>

# Engineering & Manufacturing





# Pre-Nursing





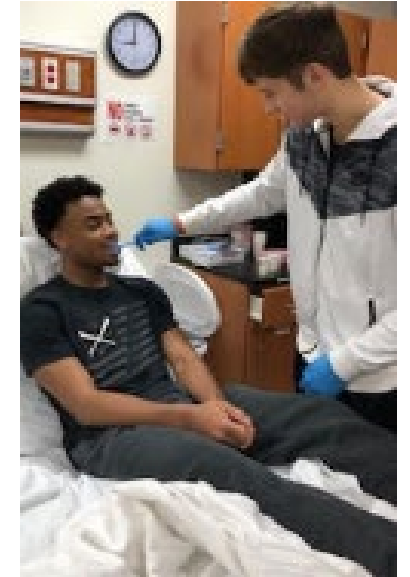
# Pre-Nursing

- ▶ Earn STNA Credential
- ▶ Earn phlebotomy Credential
- ▶ Earn CPR/First Aid Credential
  - ▶ That's 3 certificates before even graduating high school!

Healthcare professionals are **IN DEMAND** in Ohio and across the country.

Currently 2,700 job listings for STNA in Central Ohio, with **SIGN ON BONUS**

Last year our students had a 100% pass rate for STNA test. National average is 77%.



# Pre-Nursing

- ❖ Nurse Aide Training (11)
- ❖ Medical Terminology (11)
- ❖ Phlebotomy (12)
- ❖ Mental Health (12)
- ❖ Real, hands on clinical experience (Memorial Gables)
- ❖ Fully equipped skills lab with 4 working hospital beds, manikins, and nursing supplies!!



# Pre-Nursing





# Information Technology





## Information Technology

The Information Technology (I.T.) Pathway provides students with a working knowledge of computer concepts and skills necessary for work and communication in today's high tech society.



### **Why I.T.?**

Many IT jobs are in demand and growing at above-average rates. Some roles—including software developer, web developer and information security engineer—are expected to grow at rates of up to 33% from 2020 to 2030 according to the Bureau of Labor Statistics.



## IT Courses Offered:

- ❖ Information Technology Fundamentals
  - Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.
- ❖ Programming
  - New course for 2023-24
  - Students will learn the basics of building simple interactive applications, the basic units of logic, and problem solving. They will gain experience in using commercial applications and open source languages programs, and applications.

# Information Technology



## Growing CTE and Pathways at NULSD

- ▶ Sparking interest through vertical alignment.
  - ▶ 8th grade career pathway and transition day in May.
  - ▶ With help of our BAC, 13 local businesses and manufacturers participated in a job fair presentation at the middle school.
  - ▶ VEX Robotics prominent at all 3 levels.
  - ▶ Addition of Introduction to Agriculture Science beginning in 7th grade.
  - ▶ Career Days at the elementary, Touch a Truck Event



# Questions?



**nuhsohio**

Excited to announce that today one of our very own Wildcats will graduate a Marine from Parris Island, South Carolina. We are so proud of you! Graduation streaming can be found on Facebook [@marines](https://www.Facebook.com/ParrisIsland)

11w



**nuhsohio**

These guys were excited about their scrubs arriving today! #wildcatslovenursing #preparechallengeempower

13w



**nuhsohio**

Congrats NU Wildcats Agronomy! Second in the nation! #preparechallengeempower

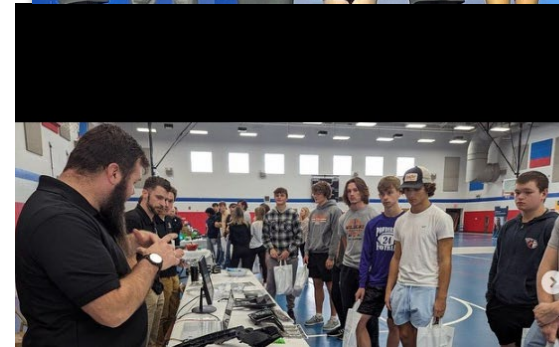
5w



**nuhsohio**

Middle/Elementary School VEX competition at NUHS today, packed house! Good luck to all of our NUMS & NUES Wildcats! Shoutout to our NUHS VEX Wildcats for helping with the event today! @northunion\_robotics

Edited · 1w



**nuhsohio**

Thank you @marysvilleeschools for hosting the Crafted in Union County event for students! We received a lot of good feedback from the event. Looking forward to strengthening our partnerships and networks from today!

6w

Connect with NULSD!

Email: [jufferman@nu-district.org](mailto:jufferman@nu-district.org)

Follow NULSD on X:

[@NU Supt](#)

[@NUHS Principal](#)

[@NUMS Principal](#)

[@NUES Principal](#)

# QUESTIONS?

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**Department of  
Education &  
Workforce**



# NEXT PRINCIPAL CHAT

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- Second Wednesday each month at 9:30 – 10:30am
- January 10
- Focus Topic: Professionalism

Contact: [schooladmin@education.ohio.gov](mailto:schooladmin@education.ohio.gov)





# EXIT SURVEY

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