

Ohio TechNet Monthly Meeting

March 17, 2026

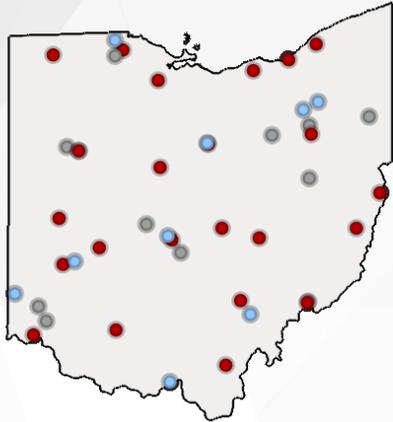
Thank you for joining us today!

Enter your name and organization in the chat



OhioTechNet

Partners in Training Ohio's Manufacturing Workforce



OTN Members:

- Community College
- Technical Center
- University

Vision

The members of the Ohio Technical Skills Innovation Network, or Ohio TechNet, are nationally recognized for partnering with industry to implement collaborative, innovative solutions that meet manufacturing and tech workforce needs.

Mission

Ohio TechNet supports workforce development and academic professionals to incubate, develop and sustain programming that accelerates the growth of Ohio's manufacturing & technical workforce.

Purpose

Ohio TechNet partners benefit from peer-to-peer collaboration, technical assistance and access to resources, making program expansion and innovation at their institution more efficient, faster to implement and easier to sustain.

Strategic Focus Areas

Ohio TechNet's strategic focus areas provide partners with best practices, models, and technical assistance to address the critical workforce needs in the state.

Guided Pathways for Youth

Reaching New Audiences

Innovative Earn and Learn

Faculty and Educator Development

Partnering with Industry

1

CONNECT



MONTHLY NEWSLETTER

Subscribe to our monthly newsletter to stay informed about peer-to-peer collaboration opportunities, technical assistance, innovative solutions, and upcoming trainings.

2

COLLABORATE



CONSORTIUM MEETINGS

Join our virtual meetings every 3rd Tuesday at 8:30 AM (EST) to explore collaborative, innovative solutions that support workforce and academic professionals across Ohio's educational institutions in addressing manufacturing and tech talent needs.

3

CONTRIBUTE



OTN RESOURCES

From industry-aligned partnerships and earn-and-learn programs to faculty development and K-12 outreach, Ohio TechNet offers innovative tools and resources to help institutions and individuals thrive. Visit our website to learn more.

 440-366-4215

 ohiotech.net

 info@ohiotech.net

OhioTechNet



Upcoming Events, Webinars, Trainings to Share?

Register!



2026 OACC Webinar Series

The OACC Professional Development Webinar series, hosted in partnership with The Fieth Team, helps department leaders, faculty, instructional designers, and marketing specialists expand skills in

Universal Design for Learning (UDL), Faculty-Led Recruitment, OER, and Ohio Workforce Data—providing practical tools and insights to enhance teaching, outreach, and student success across Ohio community colleges

<https://oaccsuccesscenterregfox.com/2026-oacc-webinar-series>



<https://oaccsuccesscenter.regfox.com/2026-oacc-webinar-series>

Ohio TechNet In Action

April 2026

◆ PACE OTDN Conference | April 9–10, 2026

Ohio TechNet invites CTE leaders and educators to this premier professional development event designed for Ohio's adult and postsecondary Career Tech Education (CTE) community. The conference will highlight best practices, foster valuable networking opportunities, and explore strategies to advance technical education statewide. Peter Jensen will be presenting and sharing insights with attendees.

◆ SEMIEXPO Heartland | April 29–30, 2026

This event convenes automotive and semiconductor leaders to explore emerging mobility and manufacturing technologies. Lorain County Community College will be presenting, sharing insights on innovative solutions and workforce strategies helping shape the future of the industry.

◆ AACC Annual 2026 | April 10–14, 2026

The AACC Annual brings together community college leaders from across the nation for professional development, networking, and collaboration. Attendees explore strategies to advance student success and innovation in higher education.



[Ohio TechNet Newsletter](#)

Digital Transformation Summit

June 8 – 10

Sinclair College Conference Center

Contact Dr. Alison Norton for more information:
alison.norton@sinclair.edu

REGISTRATION

is now

OPEN!

D T S

DIGITAL TRANSFORMATION SUMMIT

Digital Transformation Summit

June 8 - 10, 2026

Sinclair Conference Center



Explore

Digital engineering,
advanced air mobility,
cybersecurity,
unmanned aerial
systems, and MORE!



Engage

Keynotes, expert
panels, and focused
breakout sessions.



Connect

With innovators
and leaders from
government, industry,
and academia.

Hosted By:



National UAS
Training and Certification Center

Register
TODAY!



<http://digitaltransformationsummit.sinclair.edu>

For more information, including sponsorship opportunities, contact Dr. Alison Norton at:
alison.norton@sinclair.edu | 937-512-5387

Campus Collection: DriveOhio's Free, Ready-to-Use Curriculum Resources for Emerging Mobility Technologies

Rich Granger, *Managing Workforce Director of Workforce at DriveOhio*

Amber McNair, *Senior Transportation Engineer with Burton Planning Services*

This presentation will introduce *DriveOhio's Campus Collection* — a set of free, ready-to-use curriculum materials designed to help institutions integrate emerging mobility content into existing programs. Resources include content related to electric vehicles, connected and automated transportation, drones and unmanned aircraft systems (UAS), and advanced air mobility.

DriveOhio

ABOUT DRIVEOHIO

KNOW OUR PROGRAMS

DEVELOPING OHIO'S WORKFORCE

Help

Drive Ohio / Developing Ohio's Workforce / Campus Collection

Campus Collection

Transform learning and drive the future of transportation with Campus Collection, a FREE resource hub for colleges and universities. DriveOhio offers a wide variety of educational curricula covering modules on automated vehicles, connected vehicles, drones, vertiports, and more. Through access to cutting-edge curricula, work-based learning projects, and career resources that prepares students for the future of mobility, we empower educators to lead.

Collection Features

- Course Material & Curriculum
- Career Connections
- Professional Development

Register to Access the Collection

To begin, let us know some information about your classroom. Once you've submitted the form, you'll be redirected into the material.

[REGISTER NOW](#)



FOLLOW
OHIO TECHNET
ON LINKEDIN!

NEXT MEETING:

April 21, 2026
8:30am





Campus Collection

*Free, Ready-to-Use Curriculum Resources
for Emerging Mobility Technologies*



Rich Granger

DriveOhio

Mary Koeppen

DriveOhio

Amber McNair

Burton Planning

Kelly McCarthy

Clean Fuels Ohio



DriveOhio



DriveOhio

drive.ohio.gov/campus

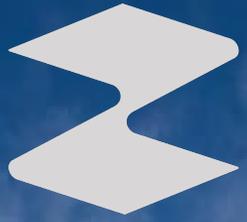
Campus Collection

Free Curriculum | Career Connections | Professional Development



#Zipotle



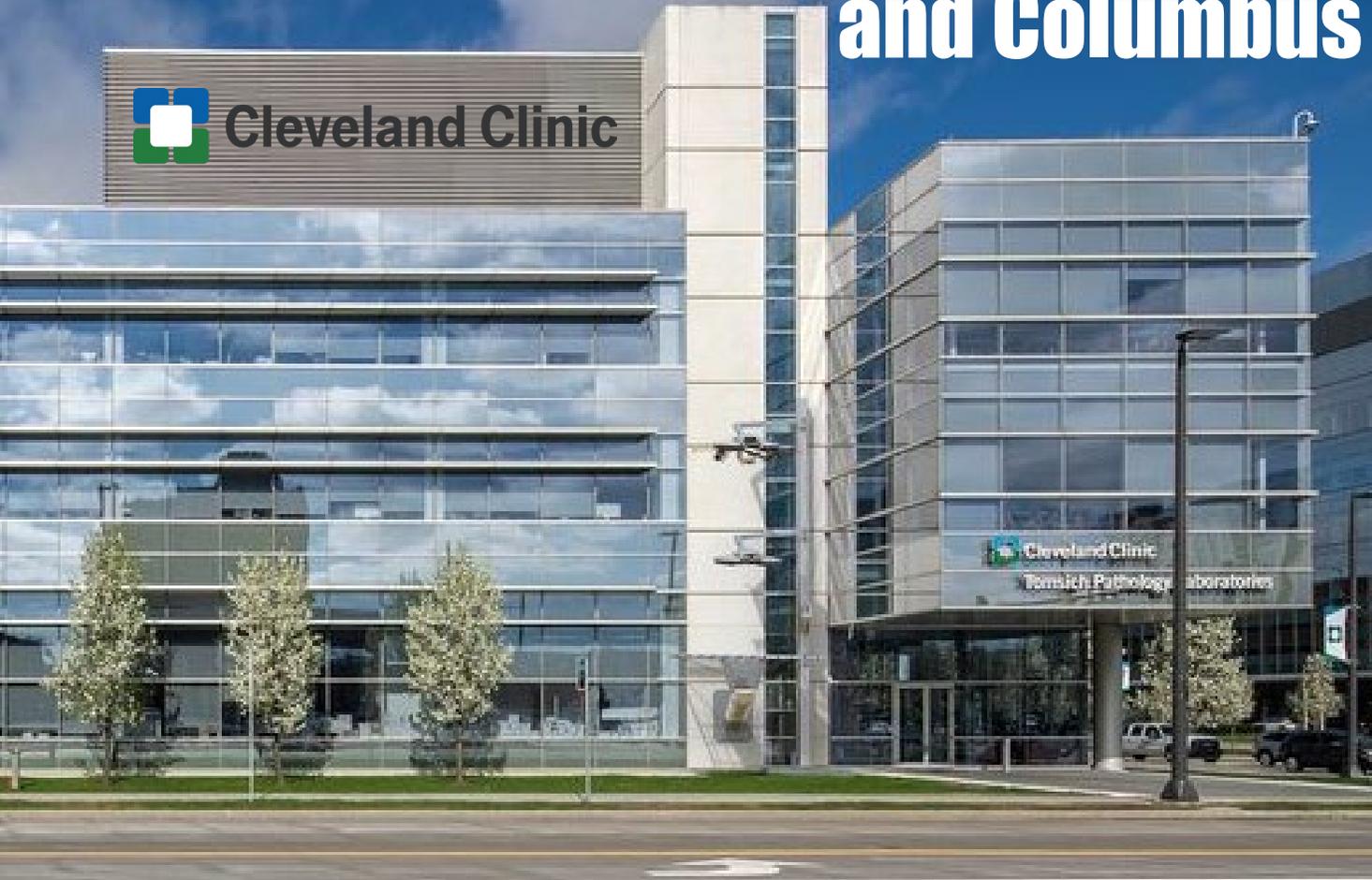


Zipline

Coming soon
to Cleveland
and Columbus



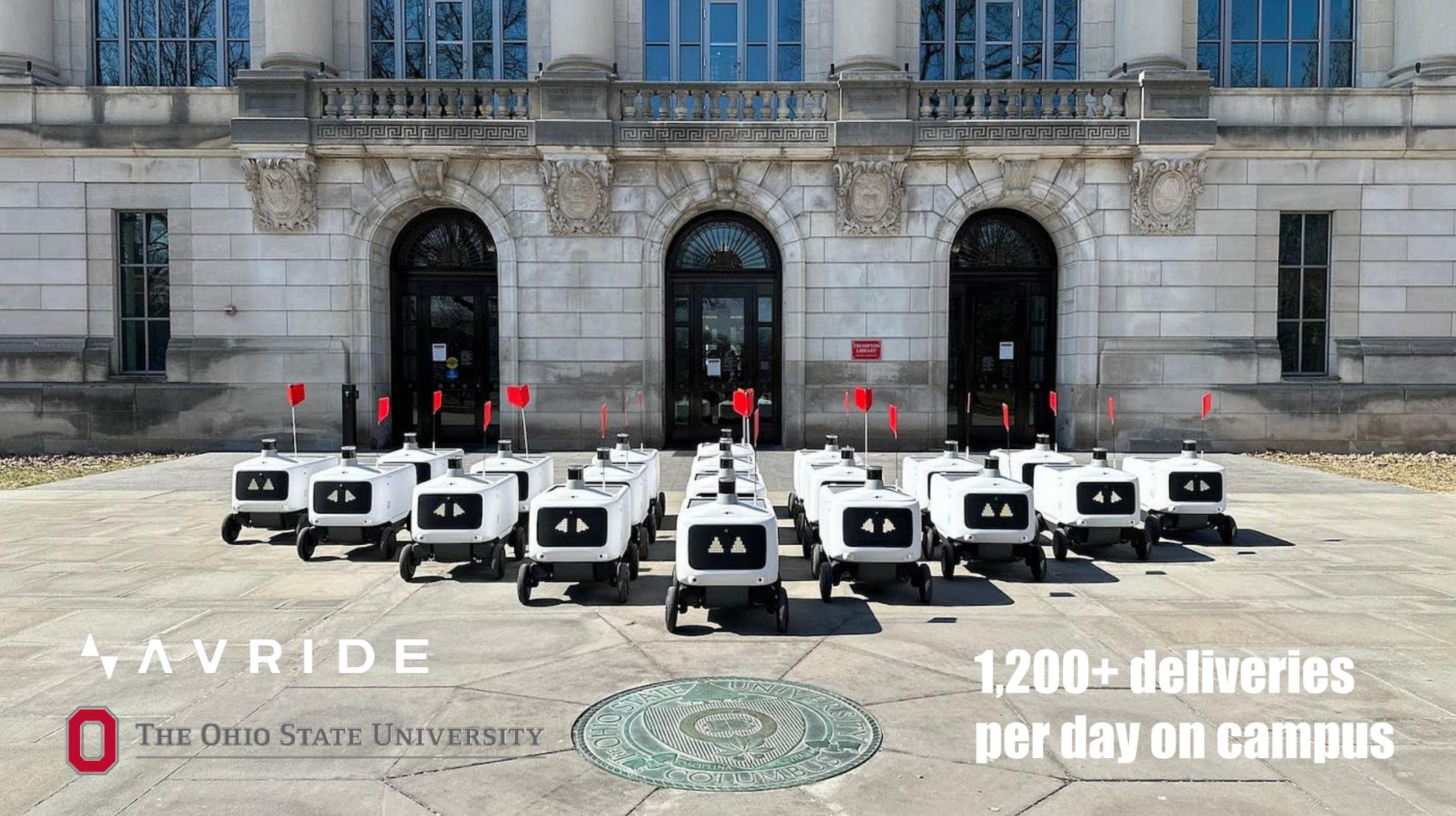
Cleveland Clinic



simulated delivery



OhioHealth



AVRIDE



THE OHIO STATE UNIVERSITY

1,200+ deliveries
per day on campus







WAYMO VIA

TRC
SMARTCENTER



DOUBLING DOWN IN

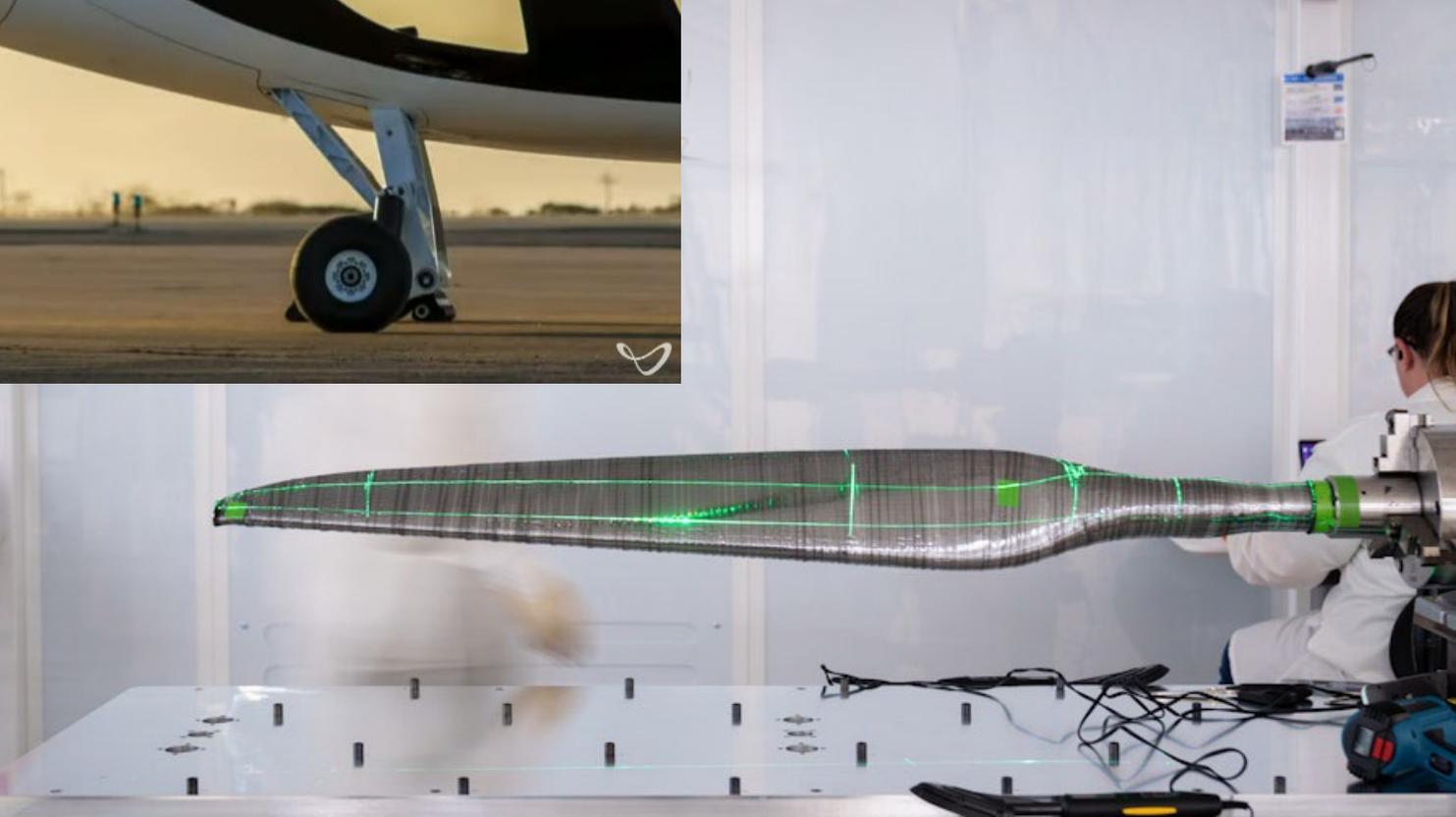


 Joby + 



**2,000 new
manufacturing
jobs in Dayton**

**500 aircraft and 15,000
propeller blades per year**





DriveOhio



Campus Collection



Free Curriculum | Career Connections | Professional Development



Curriculum Resources:

Smart Air Mobility



Smart Ground Mobility



Curriculum Resources

- Reading Guides
- Assignments & Rubrics
- Lecture Activities
- Project “Starter Topics”



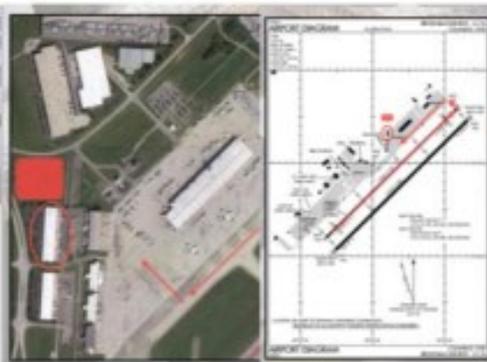
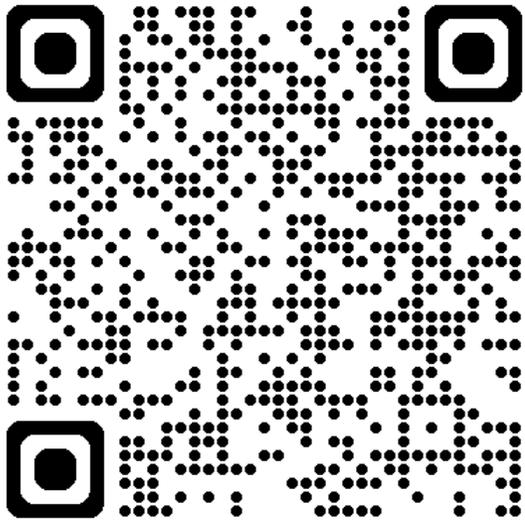
Air Mobility “Starter Topics”

Starter Topic #1: Ohio Vertiport Innovation Challenge



- **Experiential Learning**
- **Capstone Projects**
- **Innovation Challenges**
- **Design Studios**
- **First-Year Experiences**
- **Research Projects**

EXAMPLE: Ohio Vertiport Innovation Challenge



Ground Mobility “Starter Topics”

Starter Topic #1: Automated Vehicle Data Analysis in Rural Environments



Starter Topic #2: Automated Vehicle Route Planning



EXAMPLE: Automated Vehicle Route Planning



University of Dayton



THE OHIO STATE UNIVERSITY





DriveOhio

Campus Collection

Curriculum Resources:

Careers in Air Mobility



RESEARCH & DEVELOPMENT

Engineering & Design

- Material Science & Testing

Specialized Technologies

- Hydrogen Technologies

MANUFACTURING

Engineering & Design

- Fiber Orientation & Ply Stacking Knowledge
- Mold Design & Fabrication for Composites

Maintenance & Operations

- Batteries Assembly, High Voltage
- Wiring Harness Assembly & Testing
- Avionics, Installation & Testing
- Sensor Integration & Calibration
- Electrical Low- & High-Voltage Installation
- Propeller Handling
- Troubleshooting & Diagnostic Skills

Quality & Safety

- Quality Control & Assurance
- Nondestructive Testing (NDT) & Inspection
- Nondestructive Testing (NDT) for Composites
- Safety & Compliance Officers (Vertiports & AAM Infrastructure)

Specialized Technologies

- Pneumatics & Hydraulics Systems

Manufacturing & Production

- Additive Manufacturing (3D Printing)
- Aircraft Safety Inspection During Manufacturing
- Autoclave Operation & Maintenance
- CNC Machining
- Composite Layout
- Composite Material Selection & Testing
- Composite Part Trimming & Finishing
- Composite Structure Bonding & Joining
- Hand & Power Tool Assembly
- Lean Manufacturing Principles
- Manufacturing Documentation & Instructions
- Motor Assembly
- Prepreg Layout Techniques
- Resin Infusion & Curing Processes
- Torque Specification Assembly
- Vacuum Bagging & Debulking Techniques
- Welding & Metal Fabrication

Systems & Process Management

- Process Optimization & Continuous Improvement

OPERATIONS & MAINTENANCE

Air Traffic & Ground Operations

- Air Traffic Management Specialists
- Vertiport Ground Operations Specialists

Engineering & Design

- Airport & Vertiport Designers*
- CAD (Computer-Aided Design)
- Civil Engineers (Airport & Vertiport Infrastructure)
- Environmental Impact Analysts

Infrastructure Development

- Airport & Vertiport Electricians
- Construction Workers (AAM Infrastructure)
- Project Managers (Construction & Infrastructure Projects)
- Urban & Regional Transportation Planners

Maintenance & Operations

- Avionics, Installation & Testing
- Sensor Integration & Calibration
- Troubleshooting & Diagnostic Skills

Manufacturing & Production

- Composite Damage Repair & Restoration
- Composite Fatigue & Failure Analysis

Policy & Regulation

- Policy & Regulation Specialists (Urban Air Mobility)

Quality & Safety

- Nondestructive Testing (NDT) & Inspection
- Nondestructive Testing (NDT) for Composites

Specialized Certifications

- Drone/UAV Operators & Technicians

Systems & Process Management

- Enterprise Resource Planning (ERP) Systems Proficiency
- Inventory Tracking



Curriculum Resources:

Careers in Ground Mobility



Career Paths in CAV

Careers	%*	Average Annual Salary
Automotive Service Technicians and Mechanics	2	47k
Electro-mechanical & Mechatronics Technicians	-3	67k
Commercial and industrial designer	7	79k
Software Quality Assurance Analysts and Testers	20	83k
Mechanical engineers	10	96k
Data Scientists	33	98k
Electrical Engineers	3	100k
Materials Engineers	3	106k
Software Developer, Applications	16	107k
Robotics Engineer	3	113k

COMING SOON: Campus Mobility Hubs



Department of
Transportation
DriveOhio

COMING SOON: Electric Vehicles



***Electric Vehicle Charging Stations
in Ohio***



Campus Collection



Free Curriculum | Career Connections | Professional Development



drive.ohio.gov/campus

Contact our
team with
questions or
feedback!

workforce@drive.ohio.gov



**Clean Cities and
Communities**



Mid-Atlantic Advanced Transportation Summit & Expo -
July 21-23, 2026 at James Madison University in
Harrisonburg, VA. **Call for proposals now open!**

Mid-Atlantic Clean Cities Workforce Advisory Committee – Coming Soon

To learn more and get involved, contact Kelly McCarthy at kmccarthy@cleanfuelsohio.org