



# Drones in Workforce

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## A Presentation Prepared for ACTE – Ohio Annual Meeting

Delivered by:

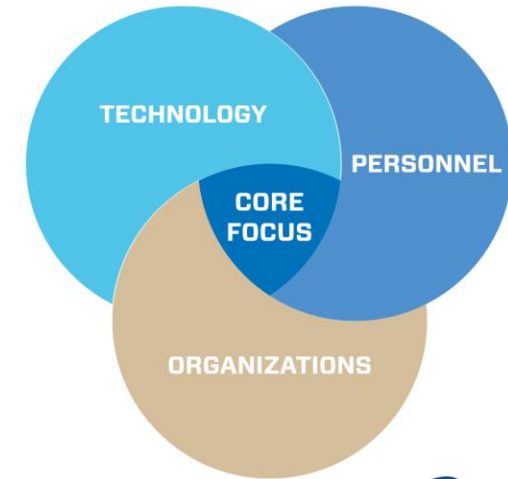
Andrew Fischer, Director of  
Academic Partnerships

Matt Perrine – Teacher, USI Certified  
Instructor Springfield City Schools

# ABOUT USI

THE LEADERS IN UAS WORKFORCE DEVELOPMENT SINCE 2014

USI exists to define, promote and support the best practices for UAS operations starting with the industry's current and future workforce through complex applications of UAS operations in any market sector around the globe.



# ABOUT USI

## USI COMPANY VERTICALS

### ACADEMIC

**USI empowers student pathway programs from secondary education to workforce and/or college through partnerships with high schools, colleges/universities.**

### COMMERCIAL

**USI supports commercial operators who stand up and/or scale up their drone programs at Industry Best Practices levels to maximize Return on Investment (ROI) for the organization.**

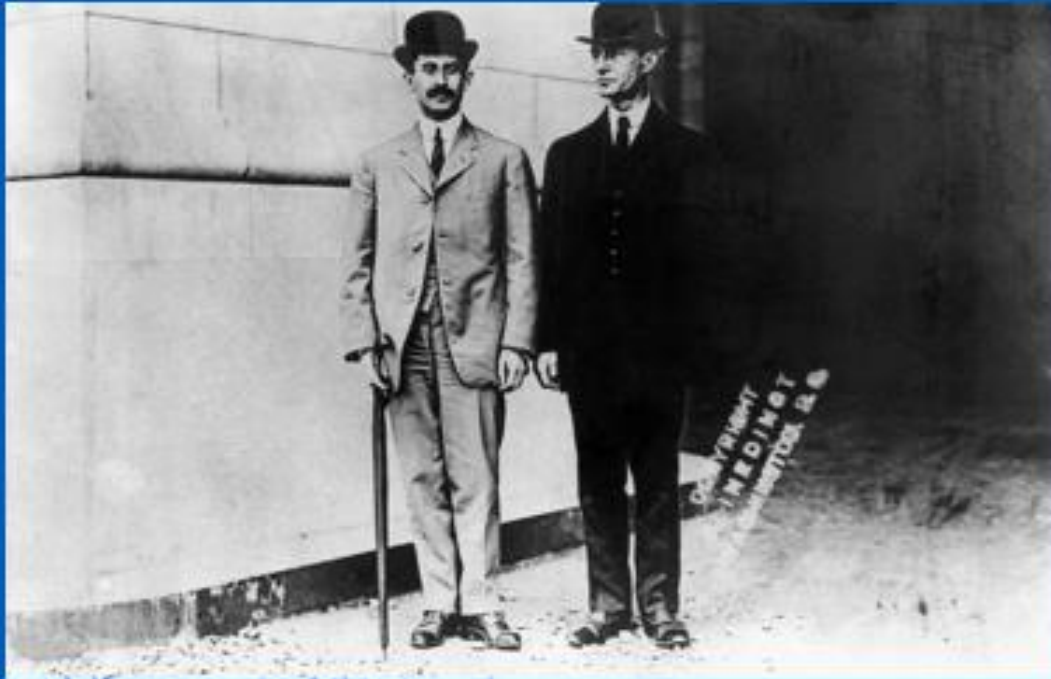




**Then**

Where it started?

Wright Flyer -- Dayton, OH





Now

Where we are today  
RPAS / UAV / UAS





# The Future Aerospace Industry...





The ~~Future~~ Aerospace Industry...  
is Flying NOW!



Traditional Aviation

# Boeing 737 1984 and Today

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# KEY ADVANCEMENTS IN AEROSPACE HAPPENING NOW



Electrification of Aircraft



Electric Power Supply  
Battery vs. Hydrogen Fuel Cells

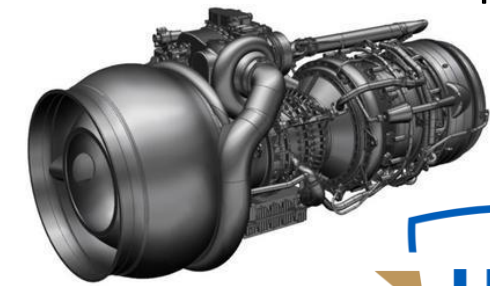


Supersonic Aircraft



Reusable Rocket  
Technology

How is sustainable aviation fuel made?



NextGen Jet  
Engines  
30/30/30



- Evolution of UAS
- Piloted to Automated to Autonomous Operations
- UAS and AAM (E-VTOL) Intersect

**Remote  
Management  
of  
Autonomous  
Aircraft**



# But... It all starts with Drones





↖ PRESIDENTIAL ACTIONS

# UNLEASHING AMERICAN DRONE DOMINANCE

Executive Orders

June 6, 2025

Section 1. Purpose. Unmanned aircraft systems (UAS), otherwise known as drones, enhance United States productivity, create high-skilled jobs, and are reshaping the future of aviation. Drones are already transforming industries from logistics and infrastructure inspection to precision agriculture, emergency response, and public safety. Emerging technologies such as electric Vertical Takeoff and Landing (eVTOL) aircraft promise to modernize methods for cargo delivery, passenger transport, and other advanced air mobility capabilities.

Another small  
accomplishment...

Our Country  
Remotely Piloted a  
Drone (Ingenuity)  
on Mars 72 times!

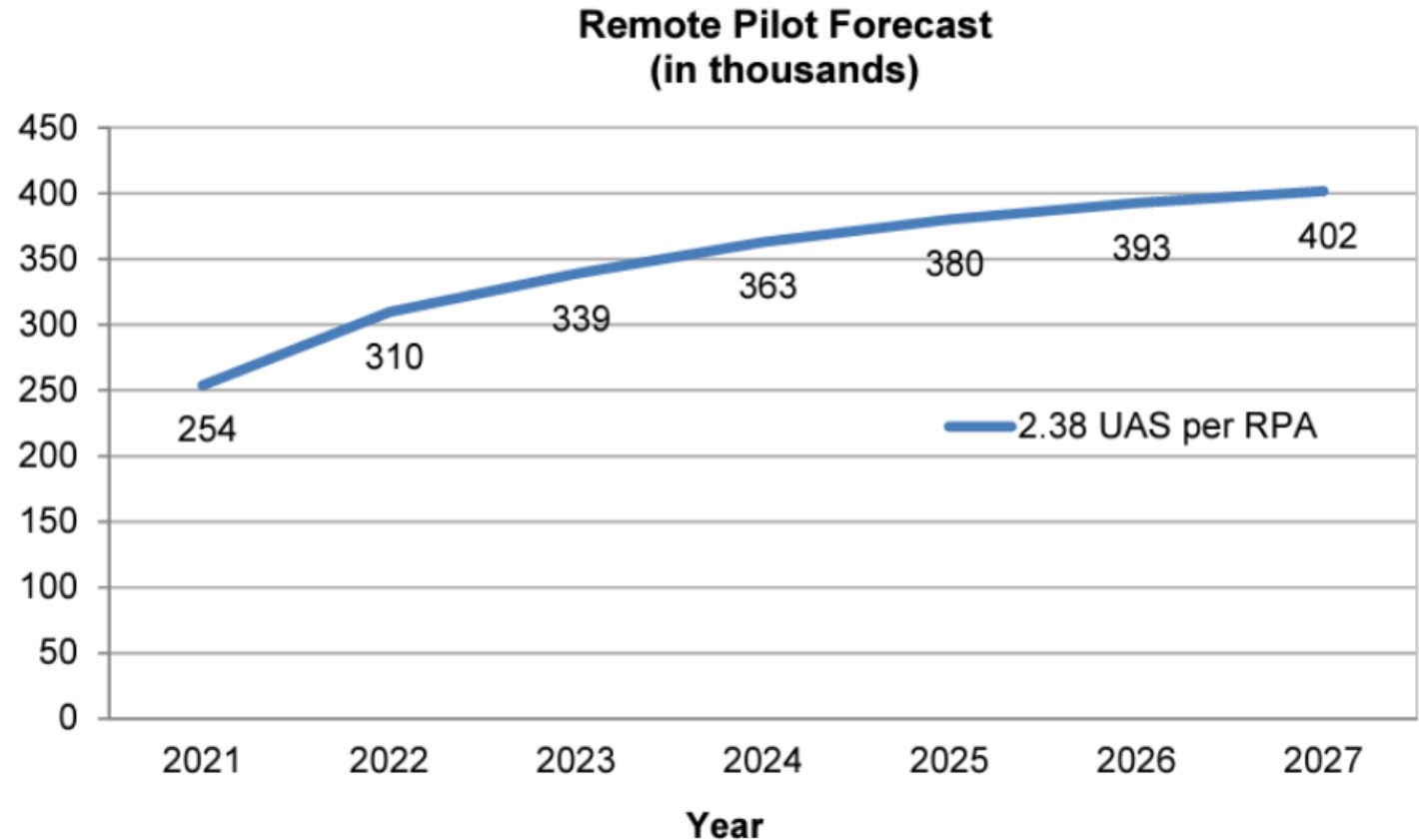


# Workforce Outlook and Pathways Classroom Applications



# FAA REMOTE PILOT FORECAST

- From a baseline of 254,000 commercial remote pilots at the end of 2021
- The FAA anticipates a need for more than 400,000 commercial remote pilots by 2027
- However, the FAA indicates this is based on today's known commercial activities
- With appropriate regulatory framework and improvements in UAS capabilities, this number could grow much higher as new applications for commercial UAS arise



**NOTE:** These positions do NOT require bachelor's degrees but do require FAA Certification and advanced, industry respected credentials.



# ARE DRONE JOBS IN DEMAND?

According to research and markets, drone piloting has moved from a hobby into a serious profession with a 51.1% expected growth rate in the next five years.

Different companies will spend over \$16 billion on drones in the next eight years with advertising agencies, construction, and security firms being among the first.

Fortunately, drones can't (yet) operate by themselves and a majority of the modern types require human guidance to carefully execute specific functions.



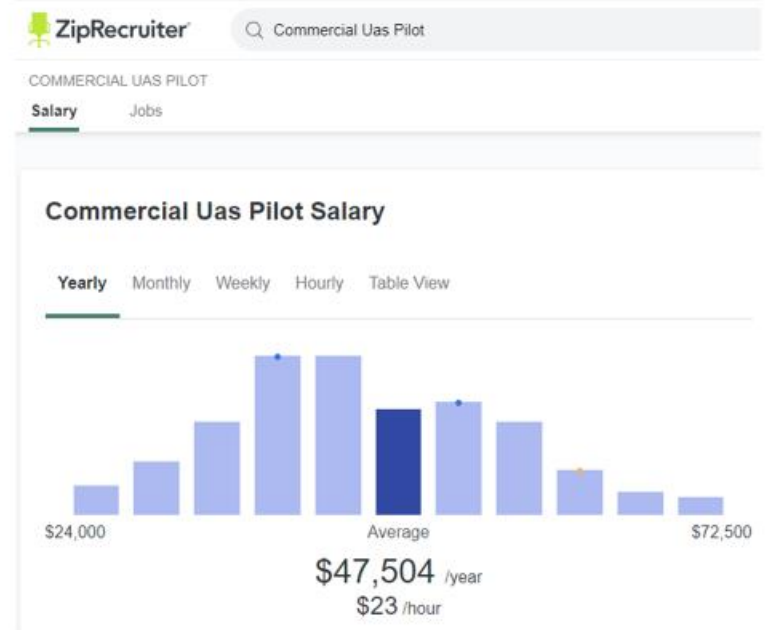
## Uav Drone Pilot Salary



### How much does an Uav Drone Pilot make?

As of Dec 7, 2023, the average annual pay for an Uav Drone Pilot in the United States is \$130,916 a year.

Just in case you need a simple salary calculator, that works out to be approximately \$62.94 an hour. This is the equivalent of \$2,517/week or \$10,909/month.



# DRONE INDUSTRY APPLICATIONS



**INFRASTRUCTURE  
INSPECTION**



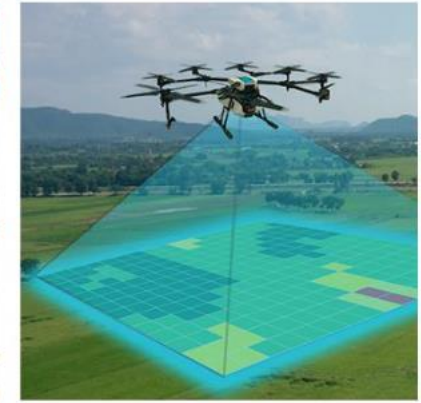
**CONSTRUCTION**



**AGRICULTURE**



**PUBLIC SAFETY**



**MAPPING &  
SURVEYING**



**ELECTRONIC  
NEWS GATHERING**



**PARCEL DELIVERY**



**SPORTS &  
ENTERTAINMENT**



**UTILITIES**

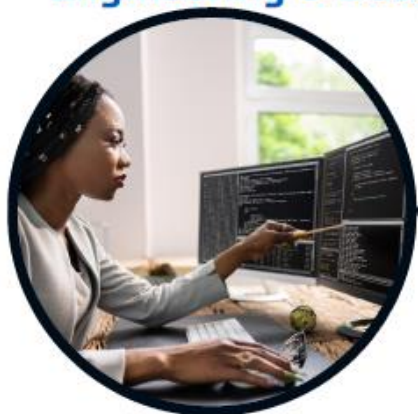


**TRANSPORTATION  
& LOGISTICS**

# **JOBS IN THE UAS ECOSYSTEM**



**Engineering & Design**



**Software Development**



**Manufacturing**



**Maintenance**



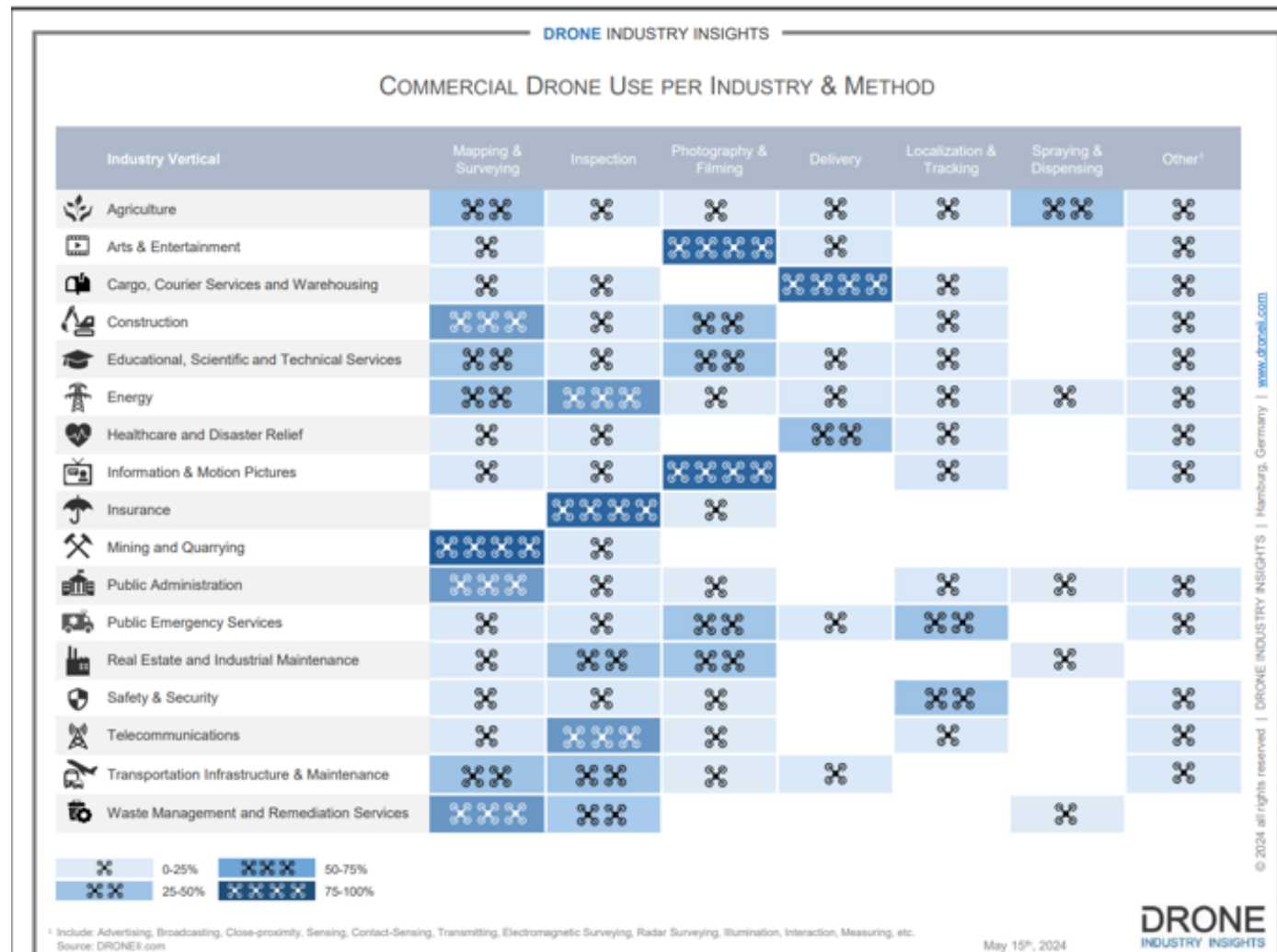
**Drone Pilot**



**Data Analysis**



# Commercial Drone use by Industry and Method



# BRINGING DRONES INTO THE CLASSROOM

A FUN AND EXCITING WAY TO INTRODUCE STUDENTS TO:

- The NextGen Aerospace Industry
  - Alternative Fuels (Electric)
  - New Propulsion systems
  - Radical new designs
  - New Business Models



# BRINGING DRONES INTO THE CLASSROOM

A FUN AND EXCITING WAY TO INTRODUCE STUDENTS TO:

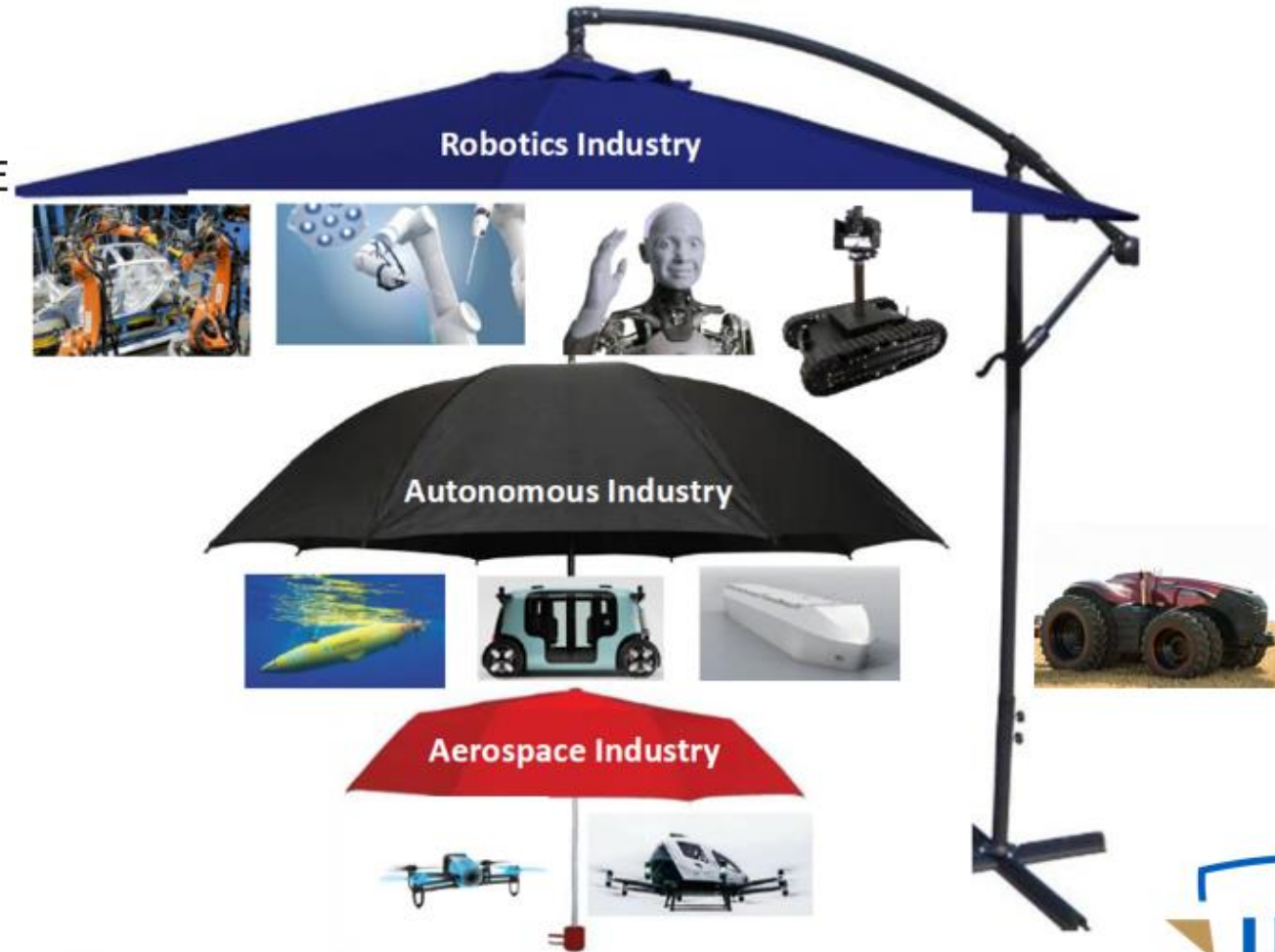
- The Aerospace Industry
- The Autonomous Industry
  - Submersible
  - Land
  - Sea
  - Farm



# BRINGING DRONES INTO THE CLASSROOM

A FUN AND EXCITING WAY TO INTRODUCE STUDENTS TO:

- The Aerospace Industry
- The Autonomous Industry
- The Robotics Industry
  - Programming
  - Artificial Intelligence
  - Endless applications





# INDUSTRY CREDENTIALS

**Career and Technical Education Must  
Recognize and Support the creation of  
Workforce Ready Credentials!**

# FAA AND COMMERCIAL UAS OPERATIONS

|                                             | FAA REQUIREMENTS | INDUSTRY REQUIREMENTS |
|---------------------------------------------|------------------|-----------------------|
| Pass Aeronautical Knowledge Test (Part 107) | YES              | YES                   |
| Instructed, Hands-On Flight Training        | NO               | YES                   |
| Safety Best Practices Competency            | NO               | YES                   |
| Multiple UAS Platform Experience            | NO               | YES                   |
| VLOS and BVLOS Experience                   | NO               | YES                   |
| Complex Operations Experience               | NO               | YES                   |

FAA Part 107 Certificate is required for Commercial UAS Operations



# WORKFORCE: RISK-BASED APPROACH

## BUILDING A WORKFORCE FOR A COMPLEX INDUSTRY



### PRIMARY OPERATIONS

Under 20 lbs.,  
Visual Line of Sight,  
Lower air and ground risk,  
Psychomotor skills,  
Conducted under 14 CFR 107



### ADVANCED OPERATIONS

Over 20 lbs.,  
Beyond Visual Line of Sight,  
Higher ground and air risk,  
Programmed flight paths,  
Conducted under Parts 135 ,91,  
or waiver





# The Drone Industries only ASTM aligned Curriculum

**ASTM:**  
**Advancing Standards**  
**Transforming Markets**



ADVANCING STANDARDS  
TRANSFORMING MARKETS

# 1. PERSONNEL & TRAINING

## PERSONNEL



APPROVED TRAINING  
PROVIDER

[See Full Story Here](#)

## Unmanned Safety Institute Announced as ASTM Approved Training Provider

The approval marks a milestone for USI as the first company in the Unmanned Aircraft Systems (UAS) training and certification industry to receive this designation.

May 13, 2025

Today, **ASTM** International announced that the Unmanned Safety Institute, Inc. (USI) has been named an ASTM Approved Training Provider. The approval marks a milestone for USI as the first company in the Unmanned Aircraft Systems (UAS) training and certification industry to receive this designation.

This approval reflects USI's commitment to delivering high-quality training programs that meet rigorous industry standards. USI's training programs are designed to enhance workforce development, equipping individuals and organizations with the standardized skills and knowledge required to thrive in the dynamic and growing UAS field.



APPROVED TRAINING  
PROVIDER



# PROFESSIONAL CERTIFICATION

## STANDARDS BASED WORKFORCE DEVELOPMENT



Meets and exceeds the Airman Certification Standard for aeronautical knowledge



Meets the National Institutes of Standards and Technology standard for aerial imagery acquisition



Meets ASTM International standard for training Remote Pilot in Command of Unmanned Aircraft Systems



From the beginning, USI has partnered with aviation insurance underwriters to promote best practices in safety. Currently, USI is a proud member of USAIG's Performance Vector program.



# ADVANCED PATHWAY

## FLYING BEYOND LINE OF SIGHT

### Entry Level Certification



REMOTE PILOT CERTIFICATE

#### Aeronautics

- ▷ Aviation Regulations
- ▷ Weather
- ▷ Airspace
- ▷ Airport Operations
- ▷ Reliability
- ▷ Performance

### Primary Knowledge-Based Industry Certifications



#### Systems Architecture

- ▷ Air Vehicles
- ▷ Aerodynamics
- ▷ Performance
- ▷ Data Links
- ▷ Control Stations
- ▷ Payloads



#### Maintenance

- ▷ MX Programs
- ▷ Cycles & Checklists
- ▷ Inventory & Tools
- ▷ General MX Actions
- ▷ Electronics & Firmware
- ▷ Calibration & Testing



#### Mission Planning

- ▷ Area Assessments
- ▷ Site Surveys
- ▷ Transportation
- ▷ Decision Making
- ▷ Professionalism
- ▷ Record Keeping

### Advanced Knowledge-Based Industry Certifications



#### Human Factors

- ▷ Crew Functions
- ▷ Training
- ▷ Human Factors
- ▷ Machine Interaction
- ▷ CRM & TEM
- ▷ Decision Making



#### Safety Management

- ▷ Accident Causation
- ▷ Safety Policy
- ▷ Risk Management
- ▷ Quality & Assurance
- ▷ Promotion
- ▷ Safety Culture



#### Advanced Planning

- ▷ Data Link Planning
- ▷ Risk Mitigation
- ▷ Waypoint Navigation
- ▷ Guidance & Control
- ▷ Ground Safety
- ▷ System Performance



#### Advanced Operations

- ▷ Advanced Systems
- ▷ Data Links
- ▷ Detect & Avoid
- ▷ Guidance & Control
- ▷ Ground Safety
- ▷ Traffic Awareness

### Skill-Based Certification

### Professional Designation



# USI DRONE SCHOOL

Prepare your students for the exciting world of Unmanned Aircraft Systems (UAS), also known as drones, with our comprehensive Education Kit. Designed to provide hands-on learning, professional preparation, and engaging coursework, this program sets a solid foundation in UAS technology, flight operations, and maintenance.



## 01 REMOTE OPERATORS

Equips individuals with the knowledge and skills to operate unmanned aircraft and other remote sensing equipment. Remote pilots play a crucial role in industries such as infrastructure inspection, agriculture, environmental monitoring, package delivery, and material management by capturing visual data in challenging environments.

## 02 MAINTENANCE TECHNICIANS

Prepares individuals to test, maintain, and repair unmanned, automated, and electromechanical systems used for remote sensing and data collection. Technicians ensure the reliability and performance of equipment used in infrastructure inspections, agricultural monitoring, and hazardous waste operations.

### What's Included...

The UAS Education kit includes comprehensive online course content featuring lessons, exercises, and assessments. It also provides instructor training and access to dedicated customer success managers to ensure seamless implementation. Resources, such as printed workbooks and hands-on training aids (as illustrated in the graphic above), are available for purchase.



FlyUSI.org

## INNOVATIVE CURRICULUM

### REMOTE OPERATOR PROGRAM

#### SEMESTER 1 COMMERCIAL REMOTE PILOT

This course introduces the foundational knowledge required for remote pilots operating small unmanned aircraft systems (UAS). Students will explore the essential aeronautical knowledge as prescribed by the Federal Aviation Administration. Through theoretical instruction, practical exercises, and discussions, students will develop the skills necessary to work with UAS technology in a responsible manner.

#### SEMESTER 2 VLOS SYSTEM OPERATIONS

This course prepares learners for successful visual line-of-sight operations with a small unmanned aircraft system. Participants will develop a strong understanding of essential planning concepts, equipment preparation for transportation, risk assessment strategies, Crew Resource Management techniques for error mitigation, and standard operating procedures.

### TECHNICIAN PROGRAM

#### SEMESTER 1 UNMANNED AIRCRAFT SYSTEM TECHNOLOGY

This course provides an introduction to sub-components and functions of small UAS, focusing on their design, electronic components, and movement. Through theoretical lectures, practical exercises, and discussions, students will develop the knowledge and skills necessary to work with UAS technology effectively.

#### SEMESTER 2 UNMANNED AIRCRAFT SYSTEM MAINTENANCE

This course provides training on maintaining small UAS, covering maintenance principles, regulatory requirements, and the importance of accurate documentation. The course includes hands-on exercises that address aircraft component wear, stress, and corrosion and covers preventative maintenance, diagnostics, troubleshooting, and line maintenance.



### Standards Based

Our curriculum is developed in alignment with ASTM International Standards, ensuring industry relevance and high-quality training. By adhering to these recognized standards, we provide students with the knowledge and skills that meet the demands of the UAS industry, preparing them for real-world applications and career success.

### Customer Support

We are committed to providing dedicated customer support, ensuring that both students and organizations receive the guidance they need throughout their training journey. Our responsive team is available to assist with questions, resources, and any challenges that may arise, creating a seamless learning experience.

### Funding Available

Our industry-recognized certifications qualify for workforce education funding programs, making high-quality UAS training more accessible. The eligibility allows individuals and organizations to take advantage of financial assistance opportunities, helping to reduce barriers to entry and support career advancement in the growing field of unmanned aviation.



# Drone Pilot Starter Kit

The fastest and most affordable way to launch a school-based drone program that prepares students for the FAA Part 107 exam and careers in STEM, aviation, aerospace, and public safety.



STEM  
Science, Technology,  
Engineering, &  
Mathematics



CTE  
Career & Technical  
Education



AVS  
Gateway to High-paying  
Aviation  
Careers



## Ready to Teach

Launch a drone program fast with everything you need to prepare students for the FAA Part 107 exam. No prior experience required!

Why it works:

- Turnkey lessons and flight activities
- Meets Perkins V, STEM, and CTE goals
- Keeps students engaged with hands-on learning

## Classroom-to-Career Skills

Help students earn their FAA Remote Pilot Certificate and unlock careers in STEM, aviation, aerospace, and public safety.

Program benefits:

- Real-world flight logging and records
- Strengthens funding and reporting outcomes
- Positions your school as a tech-forward leader

## What It Includes

The Drone Pilot Starter Kit is a turnkey, classroom-ready program that helps schools quickly launch a drone education course preparing students for the FAA Part 107 exam and careers in STEM, aviation, and public safety. It includes online curriculum, student workbooks, Echo drones, Part 107 study guides, and dedicated support—all aligned with Perkins V, STEM, and CTE standards.



FlyUSI.org

# Inside the Drone Pilot Starter Kit

## Curriculum + Learning Resources

### ► Instructor-Ready LMS Portal

Includes access for instructors and students on USI's robust learning management system. Comes preloaded with FAA Part 107-aligned curriculum, auto-graded assessments, and built-in tracking tools so educators can focus more on teaching and less on logistics.

### ► FAA Exam-Prep Workbooks

Each student receives a printed workbook packed with exercises and activities tied directly to the digital lessons. Built for classroom use, these workbooks reinforce aeronautical knowledge through real-world scenarios and practical application.

## Hands-On Training Tools + Support

### ► Echo Drones by PITSCO

Lightweight, durable, and classroom-safe, Echo Drones are ideal for indoor and outdoor flight. Students build psychomotor skills and drone confidence while capturing video and executing mission maneuvers with adjustable speed controls.



### ► Laminated FAA Study Guides

Each student receives a USI-designed, laminated Part 107 study guide—perfect for reinforcing key topics during class or self-study. Durable and portable, these guides support FAA exam readiness with concise summaries and high-use references.

### ► Dedicated Customer Success Support

Dedicated support from our customer success team to help with onboarding and successful program implementation.



Launch your school's drone program today with the Drone Pilot Starter Kit—classroom-ready and FAA exam-ready, starting at \$1,399\*!



www.FlyUsi.org



1-877-535-SAFE



UNMANNED  
SAFETY  
INSTITUTE®

\*Pricing varies based on student counts

# TEACHER PROFESSIONAL DEVELOPMENT

## PACKAGE D

Teachers will be enrolled in the Online **Professional Remote Operator Pathway**. A USI virtual instructor presents on difficult topics weekly and is available to answer all questions.

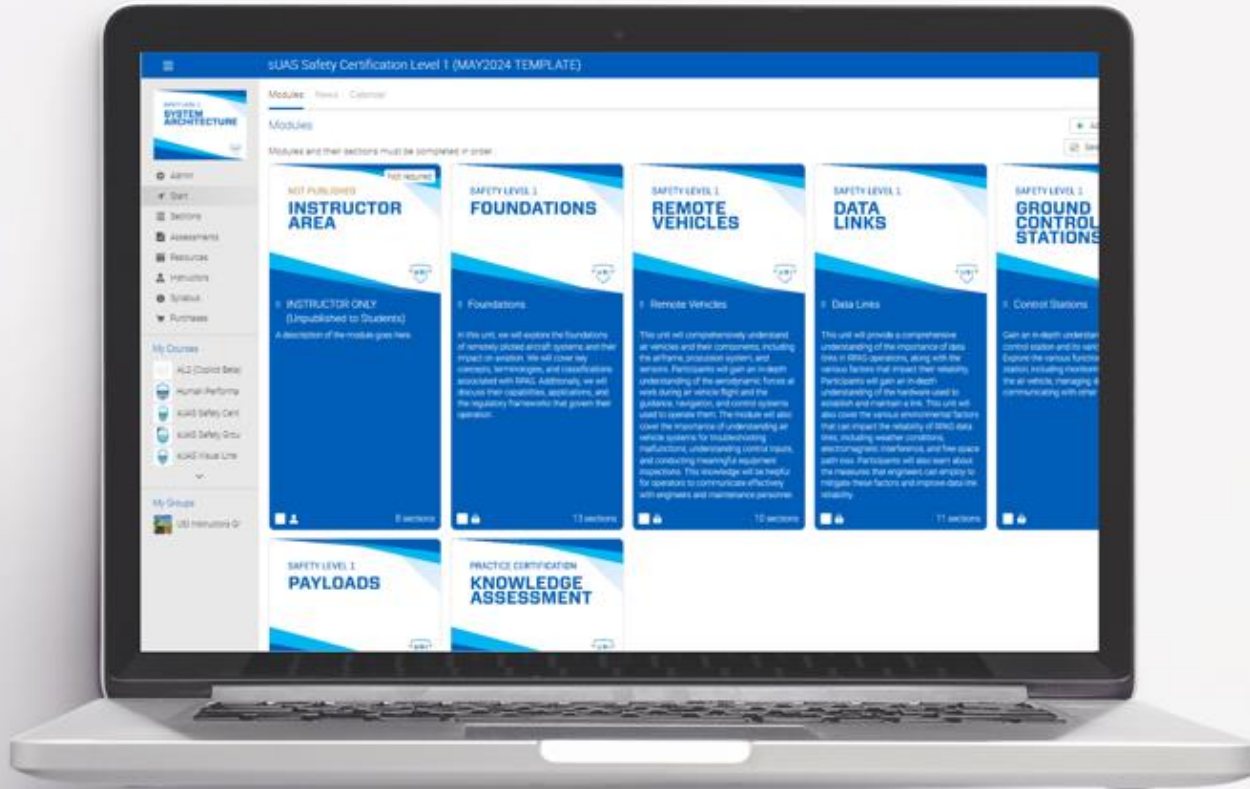
Once teachers have completed the online content and passed the proctored exams, they will move to the **in-person flight line**. Teachers can expect to spend 3 days learning to fly and administer the training course outline.

Upon completing the entire pathway, the teacher will be designated as a **USI Certified Flight Instructor**.

The USI Flight Instructor Certification requires standardization, which occurs on a biennial basis at USI.



# MULTIPLE DELIVERY OPTIONS TO SERVE YOUR NEEDS



SELF DIRECTED



CUSTOMER LED



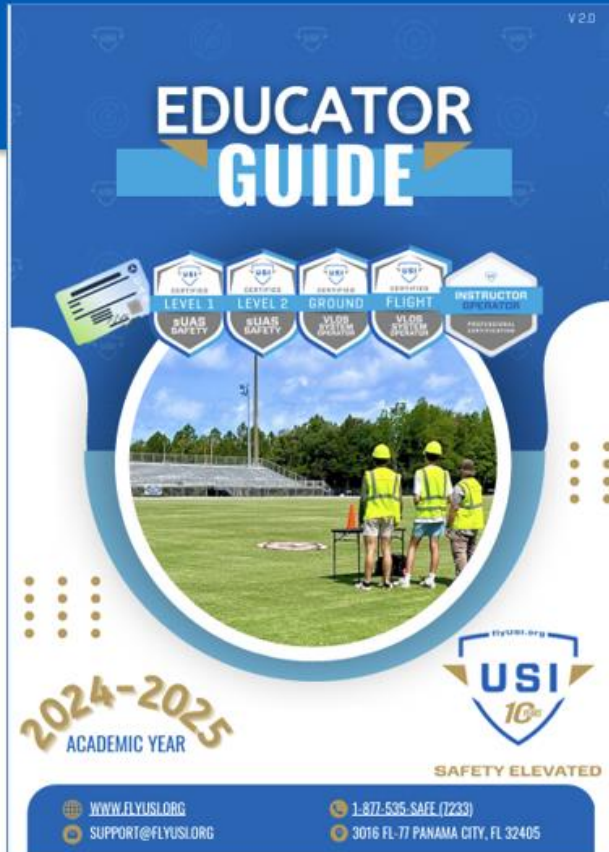
TAUGHT BY USI

## OUR COURSES

- ▷ ORIGINAL BODY OF KNOWLEDGE
- ▷ WORKBOOKS (PHYSICAL OR DIGITAL)
- ▷ PRESENTATIONS COVERING KEY CONCEPTS
- ▷ ELABORATION EXERCISES TO ENGAGE LEARNERS
- ▷ MULTIPLE ASSESSMENTS
- ▷ DEDICATED CUSTOMER SUCCESS TEAM



# USI Customer Success Team



## MEET THE SUPPORT TEAM



**MICHELLE DINA**  
CUSTOMER SUCCESS MANAGER  
Northeast Region  
[Michelle.Dina@FlyUSI.org](mailto:Michelle.Dina@FlyUSI.org)



**PAYTON PERDUE**  
CUSTOMER SUCCESS MANAGER  
West, Southeast Regions  
[Payton.Perdue@FlyUSI.org](mailto:Payton.Perdue@FlyUSI.org)



**CAM BALL**  
CHIEF FLIGHT INSTRUCTOR  
[Cameron.Ball@FlyUSI.org](mailto:Cameron.Ball@FlyUSI.org)



**ALEXIS CREEDY**  
REGISTRAR  
[Info@FlyUSI.org](mailto:Info@FlyUSI.org)

Learning Management System technical issues and student enrollment questions should be directed to Alexis Creedy at [Info@FlyUSI.org](mailto:Info@FlyUSI.org)

Questions regarding certification testing, digital certification, or scheduling a virtual meeting should be directed to Payton Perdue and Michelle Dina at [Support@FlyUSI.org](mailto:Support@FlyUSI.org)



4

## USI Customer Support

- Every USI School is assigned a Customer Success Manager
- Personalized support for Instructor Training
- On-going support for Instructor with curriculum implementation
- On-going training and updates via webinars for all instructors
- Connectivity to UAS Workforce marketplace
- Partnership approach with school for student success!





# What is currently happening in Ohio in the Drone/UAS space to promote Workforce Development?

**Regional Workforce Development Programs  
for Career and Technical Education**



## Dayton-bound Joby Aviation delivers first aircraft to the Air Force

Company delivers first aircraft to Air Force Both Air Force and NASA intend to test and use the vehicle.



Sept. 2023 – Ohio announced Joby Aviation selects Dayton as manufacturing facility for electric aircraft. Also, Ohio leaders cut ribbon on the National Advanced Air Mobility Center of Excellence

# OHIO – Leading the way...



WHY OHIO ▾ INDUSTRIES ▾ PROGRAMS & SERVICES ▾ ABOUT US ▾ NEWS & EVENTS

The project will create 4,008 new jobs over 10 years. **That's the largest single-job creation project in Ohio's history, which has a long and storied legacy of manufacturing success.**

The five-million-square-foot facility will be located on 500 acres of land in Pickaway County near Rickenbacker International Airport and includes room for future growth.



## Anduril in Ohio

# USI Certifications are Ohio Industry Recognized Credentials

USI Small UAS Safety Certification Level 1,  
Visual Line of Sight Systems Operations –  
Flight Training and Visual Line of Sight Systems  
Operations Ground School are included in the  
2026-27 Industry Recognized Credential List at  
6 points each (total of 18 points).



## Department of Education

Mike DeWine, Governor  
Paolo DeMaria, Superintendent of Public Instruction

May 20, 2021

Scott Liston  
Executive Director, Unmanned Safety Institute, Inc.  
Via email: [scott.liston@unmanned-safety.org](mailto:scott.liston@unmanned-safety.org)

Dear Mr. Liston:

Thank you for submitting your industry credential applications for the 2022-2022 (FY2023) school year. As articulated in [Each Child, Our Future](#), the state's five-year strategic plan for education, Ohio is prioritizing opportunities for students to earn industry-recognized credentials that employers verify will support their career after high school.

To ensure that Ohio maintains a relevant list of industry-recognized credentials, the Ohio Department of Education, in close collaboration with the Governor's Office of Workforce Transformation, established a 12-week review process that cycles four times yearly. The review includes:

- Research including data from [Ohio's Top Jobs list](#) and information gathered from the credential provider's website;
- Assessment by Ohio Department of Education staff to determine how the requested credential aligns to the Ohio Department of Education's Career Field Technical Content Standards;
- Analysis of an industry feedback survey distributed to business and industry professionals involved in their company's hiring process; and
- Evaluation by the Industry-Recognized Credentials Review Committee, which is comprised of representatives from professional business organizations, tasked with reviewing the research report to determine which credentials will be added to the approved graduation list and at what point values.

Your applications for Small UAS Safety Certification Level 1, Visual Line of Sight Systems Operations - Flight Training and Visual Line of Sight Systems Operations - Ground School were **recommended** for inclusion to the 2022-2023 Industry-Recognized Credential List under the Agriculture, Arts & Communications, Construction, Law & Public Safety and Transportation career fields at 6 points each.

If you have any questions about the review process or about other credentials or applications, please feel free to reach out to Emma Waymire, Program Administrator for Industry-Recognized Credentials, at [industrycredentials@education.ohio.gov](mailto:industrycredentials@education.ohio.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Liston".

# Ohio Innovative Workforce Incentive Program (IWIP)

## Innovative Workforce Incentive Program – Frequently Asked Questions

**How were the qualifying industry-recognized credentials determined?**

The Governor's Office of Workforce Transformation Innovative Workforce Incentive Program is based on the Ohio Department of Education's approved industry-recognized credential list. Find more information on the Ohio Department of Education's approved industry-recognized credential list [here](#). Find school districts offering these industry-recognized credentials [here](#).

The Innovative Workforce Incentive Program targets segments of the economy that have been identified as high-growth, in-demand fields including information technology and cyber security, advanced manufacturing, construction, engineering and the skilled trades. To ensure Ohio continues to meet the workforce needs of employers, the program incentives are designed to expand student access and provide new opportunities for the next generation of the workforce.

**What are the requirements to receive the incentive payments?**

The only requirements to receive the incentive payment is for the student to earn the credential and for that credential to be reported by the student's school. This means that any city, local, and exempted village school district, community school, STEM school, or Joint Vocational School District may receive incentive payments.

**Does a district collect incentive funding for more than one industry-recognized credential per student?**

Yes. Individual reimbursement amounts are available to school districts for each industry-recognized credential students earn. When a student earns a credential that is eligible for the Innovative Workforce Incentive Program, his or her school district will receive an additional reimbursement payment of \$1,250.

**Is there a limit on how many incentive payments a school can receive per student?**

No, there is not a limit per student. The only limit is the time and effort it takes for a student to earn credentials.

## Current Credential List

| Credential Name                                                           | Earn in One School Year | State-Issued License | Point Value | EMIS Code |
|---------------------------------------------------------------------------|-------------------------|----------------------|-------------|-----------|
| <a href="#">Small Unmanned Safety Institute Certification Level 1</a>     | •                       |                      | 6           | CR67      |
| <a href="#">Visual Line of Sight Systems Operations – Flight Training</a> | •                       |                      | 6           | CR68      |
| <a href="#">Visual Line of Sight Systems Operations – Ground School</a>   | •                       |                      | 6           | CR69      |

# Ohio IWIP Potential for a school using the USI UAS curriculum

- **Example #1**

- 5 Students obtaining 2 USI Credentials(Pt. 107 and SL1)
- $\$725 \times 2 \times 5 = \text{\textcolor{teal}{\$7,250}}$
- $\$4,000 + \$640 + \$545 + 875 = \text{\textcolor{red}{\$6,060}}$
- $\text{\textcolor{teal}{\$7,250}} - \text{\textcolor{red}{\$6,060}} = \text{\textcolor{teal}{\$1,190}}$

- **Example #2**

- 10 Students obtaining 2 USI Credentials(Pt. 107 and SL1)
- $\$725 \times 2 \times 10 = \text{\textcolor{teal}{\$14,500}}$
- $\$4,000 + \$1,280 + \$1,090 + \$1,750 = \text{\textcolor{red}{\$8,120}}$
- $\text{\textcolor{teal}{\$14,500}} - \text{\textcolor{red}{\$8,120}} = \text{\textcolor{teal}{\$6,380}}$

# Ohio TechCred



ABOUT APPLY RESOURCES

? Help Search

Military and Smart  
Transportation

IoT and Cybersecurity

Healthcare Technology

Business Technology

Search: Search by keyword...

Show only

☐ Certificate

☒ Certification

## Military and Smart Transportation Certifications

- Flyability Elios 2 Operator
- Parrot Anafi USA - Operator, Original Equipment Manufacturer Authorized Training
- Parrot, Anafi and Anafi Thermal - Operator, Original Equipment Manufacturer Authorized Training
- Remote Pilot (Unmanned Aircraft)
- SelectTech EH-8 HL - Operator Original Equipment Manufacturer Authorized Training
- SenseFly eBee X Operator
- Sentera PHX - Operator Original Equipment Manufacturer Authorized Training
- Simlat Specto Lite Operator
- Small UAS Safety Certification - Level 1 & 2
- Standard for Unmanned Aircraft Systems (sUAS) NFPA 2400
- USI sUAS Visual Line of Sight (VSO) Flight
- Wingtra WingtraOne-Operator Original Equipment Manufacturer Authorized Training

# Industry Recognized Credential Transfer Assurance Guide: Uncrewed Aircraft Systems

(sUAS Safety Certification Level 1)

June 10, 2022



Industry Recognized Credential Transfer Assurance Guides (ITAGs) are a statewide transfer initiative that guarantees the award of college-level credit to students earning agreed-upon, industry recognized credentials. Students meeting credentialing requirements, regardless of where the learning was achieved, will be eligible to earn credit for specified courses deemed equivalent to the stated industry recognized credential listed on the ITAG document. Credentials are reviewed and aligned to postsecondary learning outcomes that are endorsed by Ohio's public institutions of higher education. The receiving institution must offer an equivalent course or program. Additional information on accessing and awarding ITAG credit is outlined in this document.

## Required Credential(s)

**Credential Name:** sUAS Safety Certification Level 1

**Credential Issuer:** Unmanned Safety Institute (USI)

**Exam(s):** sUAS Safety Certification Level 1 -  
<https://www.unmannedsafetyinstitute.org/small-uas-safety-certification>

**Additional Requirements for Credit:** Proof of passing sUAS Safety Certification Level 1 certificate within 2 years of certification

## Credit Access and Verification

**Student:** Students should first claim their digital badge by completing the following form:

<https://share.hsforms.com/1MlobiD1pSviiYmpH5o1pPw2aazm>. This will generate an email from [Credly's](#) Acclaim platform asking the student to accept their badge and create an account. Certifications can be shared with institutions from this account via email.

**Institution:** Please provide the student requesting credit the appropriate email address to send verification of certification.

## Course Information

**Course Name:** ITAIR006 - Uncrewed Aircraft Systems

**Credit Hours:** 3 semester hours

**Course Description:** The Uncrewed Aircraft Systems (UAS) course will provide an opportunity to learn about careers utilizing UAS, exploration of industries where UAS can be utilized, and the opportunity to earn a FAA Part 107 Remote Pilot certificate.

USI's sUAS Safety Certification Level 1 credential is a State of Ohio recognized ITAG Certification.

This certification provides for the award of 3 semester hours of college level credit for students earning this credential



# CERTIFICATION & TRAINING FOR TEACHERS

**IN ORDER TO HAVE A HIGHLY-  
SKILLED UAS WORKFORCE,  
WE NEED HIGHLY-SKILLED  
TEACHERS AND INSTRUCTORS.**

# TEACHER CERTIFICATION & TRAINING

This special package is being offered at:

- \$1,975 for USI Small UAS Safety Certification – Level 1 and 2 (Includes the cost of the FAA Part 107 certification exam)
- \$1,975 for USI Small UAS Visual Line of Sight (VSO) Ground and Flight school



TOTAL: \$3,950 for the entire USI Primary Certification Program

## 🌟 FUNDING OPTION:

Ohio TechCred recognizes USI Credentials:

- Small UAS Safety Certification - Level 1 & 2
- USI sUAS Visual Line of Sight (VSO) Flight



Learn more about Ohio TechCred at: <https://www.flyusi.org/ohio-techcred>





# THANK YOU

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