



Educating Entrepreneurial Technicians for Unmanned Aerial Systems



HIGHLIGHTS OF THE NATIONAL SCIENCE FOUNDATION GRANT-FUNDED PROJECT INCLUDE:

- One-Year Certificate in UAS Entrepreneurship Linked to 2 & 4-Year Degrees
- Collaboration with Intellectual Property Providers for New Ventures
- Integrated High School UAS Entrepreneur Materials & Training

Partnering Colleges Include:



Funding Provided by the National Science Foundation Advanced Technological Education Program Award 1902003.



National UAS

Training and Certification Center

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Project Period:

Oct. 1, 2019 – Sep. 30, 2022

Project Goal:

Develop a model education program to aid a new type of entrepreneurial STEM technician who will have the knowledge and skills to apply UAS technology and intellectual property (IP) in a variety of high-tech applications.

Project Deliverables:

Develop a new one-year college certificate program that integrates technical UAS courses with entrepreneurship and business courses and will articulate to associate and bachelor degrees.

Create an entrepreneurship business plan competition and pilot test it at three colleges to support the formation and success of high-tech UAS-related startups.

Enable student access to IP available from government, industry, and academic partners to aid entrepreneurial pursuits.

Encourage high school students to consider entrepreneurial UAS ventures as viable technical career paths through developed materials and teacher training, with an emphasis on populations underrepresented in STEM.

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