NATIONAL CENTER FOR AUTONOMOUS TECHNOLOGIES

Led by Jonathan Beck

Lead
Leads the process of defining skills standards and offers professional development opportunities

Connect
Connects workforce and community stakeholders, enhancing programs and the workplace

Inspire
Inspires and supports students to engage in high-impact, hands-on STEM activities

Serve
Serves as a resource hub, offering curriculum, interactive content, applications, and mentorship

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In FY21, NCAT reached over

300,000

individual through outreach, directing users to our robust library of webinars and educational resources.

Connect • Collaborate • Engage

NCAT has had tremendous success in the use of social media for outreach, expanding our communication to a more diverse audience. Through our social media channels, we have *built relationships* and *connected with the AT community*, *increased our visibility and credibility* by sharing our expertise, and *become a thought-leader* in autonomous technologies technical education. We find value in social media as a connection, collaboration, and engagement tool that expands beyond the physical classroom or office and allows us to create a better public understanding of the emerging technology.

83
Institutions
Primarily 2-year colleges

39
States

11
HSI/HACU Members
2 HBCU Members

Creating Resilient Partnerships

NCAT has taken a significant leadership role in the Federal Aviation Administration (FAA) Unmanned Aircraft Systems Collegiate Training Initiative (UAS-CTI), which over the past year has had coast-to-coast impact. NCAT is the designated repository and resource hub for the UAS-CTI community, hosting a repository website and the resources that serve the community, providing content, curriculum, workshops, presentations, and more. The relationship with NCAT and the FAA models ways in which academia and government organizations can work together to create resilient partnerships that prepare the nation's workforce for the future.

> "From the beginning of the Unmanned Aircraft Systems Collegiate Training Initiative (UAS-CTI), we knew we needed easy access to tools and resources to ensure that each school has a successful UAS program. We could not be more pleased with the NCAT hosted UAS-CTI repository and the support we receive from NCAT staff!"
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> Diana Robinson
> Program Specialist
> Federal Aviation Administration

National Center for Autonomous Technologies
Northland Community & Technical College
ncatech.org