

Since 2016, Central New York's volunteer-run community organization sparking interest in the drone education & employment pipeline!

Welcome 2020! Welcome CNY DRONES PLC!

Professional Learning Community to Promote & Support Drone Tech

What is it? A new place where educators & our volunteer enthusiasts share their experiences, tips & training materials. We've all seen companies charge astronomical fees for programs that regurgitate existing information, vaguely cover needed details & miss the mark for providing educators relevant training tools. We're offering a place to commiserate, cooperate & collaborate with like-minded people who put learning & fun in the forefront of drone-based STEM education. The plan is to provide access to curriculum, activities & resources for those who wish to become part of a sharing environment. Membership requires filling out a brief contact form confirming school affiliation & adherence to core values that embodies the high standards of educators & our mentors. To start, we're testing out use of Google Classroom with teams from this season's Team Drone Challenge. A few platform options have been considered, with Google our first choice as so many schools already have access. We urge interested educators to contact us for a great exchange of ideas & more!

A NOTE ABOUT REMOTE ID

The time to act is now.

Time for **all of us** to comment on the proposed rule by the Federal Aviation Administration (FAA). We are extremely concerned about the future of our hands-on STEM programs & the recreational drone community that makes up CNY Drones and it's beneficiaries. Take a look at the link below. Please make a thoughtful & civil comment before March 2, 2020.

[FAA Proposed Rule: Remote Identification of Unmanned Aircraft](#)

MONTHLY TECH MEETS

Supporting Drone Challenge Teams & New Recreational Pilots

Jan 26 / Feb 23 / Mar 15 (+ others by request)

- @ SUNY POLY* Sundays 2-4pm by Pre-Registration @ CNYDrones.org
- Location alternatives possible at registered team sites – contact us!
- *additional & alternate dates + virtual meets as requested by registered teams

Learn to Fly!

- Contact us to schedule an **Experience FPV - Learn to Fly** Session with one of our experienced mentors at an upcoming Tech Meet or at an alternate time & location!



**CNY Drones
Utica/Rome, NY**

315.732.1001
CNYDrones@gmail.com
CNYDrones.org
FB / TW / IG / YT

CNY Drones @RoboSpartans Robotics operates as a STEM group, graciously hosted under the 501(c)3 of the Griffiss Institute in cooperation with great community resources. We gladly accept monetary & non-monetary donations as well as new volunteers.

CAMPS, WORKSHOPS, INTERACTIVE DEMOS & MORE!

Your Input Is Important!

We're deep into mapping out new summer program formats for possible presentation under the Air Force Research Lab in Rome, NY, our generous sponsor. Ideas are flying! Have family members or students who have attended a previous drone program in Central New York? We want to hear your feedback & ideas! Help us fill their vacation time with some new, fun & impactful!

SEEKING LIKE-MINDED MENTORS!

Your knowledge & experience could help area students!

Interested in learning how to mentor? Have mentoring, coaching or teaching experience? A knack for anything radio-controlled? Curiosity about the latest tech? Tired of volunteering for the same old events? We'd be happy to speak to you about our program & event requirements. We're always looking for more like-minded drone enthusiasts & those new to drone technology. Learn alongside us! We welcome those with a passion for helping others as we grow a safe-flying drone community under the Academy of Model Aeronautics. All backgrounds & experience levels, from high school & college students to concerned parents to retirees – we know you are out there looking for something new! We work with students & adults, age 12+. We connect with schools, businesses, & individual hobbyists regularly. We love that we can learn something new every day! Contact us & see where you fit in!

FARM-i-GEDDON Teams in Place!

New college teams join a dozen high school & middle school teams from New York & Connecticut on April 5, 2020 at SUNY Polytechnic Institute for FARM-i-GEDDON. Our 3rd season Northeast Team Drone Challenge will lift-off inside Wildcat Field House over two 30'x60' fields! Admission is FREE thanks to sponsors & supporters including. You'll be amazed by our great friends & SUNY Student Club hosts as they welcome student teams & spectators to the campus with tours, demos & great drone action!



Want to join in on the fun? There's still time! New teams & volunteers are welcome! Registration remains open for late registration - just \$125 per team. We've expanded our reach by giving students opportunities to interact with peers already in higher education STEM programs with our new 2 Division format! Registered teams are supported by mentor access for questions, a 50+ page detailed manual, emailed Team Updates, monthly Tech Meets, a Team Resources Folder full of helpful information including a Field Element Build Guide & Scoring Sheet!

2021 METRO MELTDOWN & Beyond!

Preparing 2 Years In Advance

Before we set foot on the FARM-i-GEDDON field, we've already been strategizing for 2021 & 2022 Team Drone Challenges. 2021 Metro MELTDOWN will tackle drone issues in an urban environment flipping to the opposite extreme of FARM-i-GEDDON! More tightly packed obstacles will be themed to simulate a city-scape. 2022? We're jumping into the construction industry, where use of drone tech is growing by leaps & bounds! Ideas welcomed!

AMA Membership Time!

Free for Students Age 12-18

The New Year is a great time to join or renew your AMA Membership! Visit: www.modelaircraft.org. Questions? Contact us at: CNYDrones@gmail.com for information on the AMA & on how forming a **Model Aviation Student Club** can help your tech classroom or club!



Club formation is FREE, valuable site insurance is provided, & club advisor gets FREE AMA membership. We're happy to assist you so your club, classroom or school can begin to benefit from AMA affiliation! Check out our "Start a MASC" page on our website or let us know the best time to contact you!

Municipalities Presentation II Requested

Town of Schuyler's Semi-Annual Program

We're honored to be invited by the Town of Schuyler to another Continuing Education Program for Municipalities. The October session had such an impact! We're looking forward to sharing our connections & experiences with recreational drone flying and answering more questions in May. Good-will is spreading and we're gaining some fans at local parks! Our presentation hopes to further enlighten Town representatives about recreational & commercial drones in our communities.



Interactive Demos Ready For A Second Summer

Time to Schedule Us Into Your Park or Library Program!

Our hour+ demonstration & information sessions are back for 2020! Our goal is to continue to supply information, answer questions and give opportunities to experience flight along-side our pilots using First Person View goggles. We've scheduling Spring & Summer 2020 now! Dates will book fast! We're happy to quote a weekday or weekend event for your library or community group. All programs are indoors, presented by AMA member volunteers who are committed to sharing their hobby with others. Drop us an email or just give us a call!

Promote Your Company's Support of STEM!

Make a Tax Deductible Contribution to CNY Drones through the Griffiss Institute

STEM-focused annual sponsors help us maintain & upgrade equipment, grow new programs, develop mentor opportunities & increase our outreach! Demonstrations at annual events such as the NYS Fair STEAM Exhibit, the New Hartford Firetruck Spectacular, Rome Home Expo & Rome Canal Fest would not be possible without sponsor funding. Our dedicated volunteers appreciate having great companies behind them! Help us maintain our commitment to linking students to the drone technology education & employment pipeline! Ask us about our student success stories! Contact: CNYDrones@gmail.com or 315-732-1001 (leave message) for donation information packet.

HELP US - HELP YOU!

Monetary & equipment donations, sponsor & grant leads, planning assistance & event volunteers are always welcomed! We are run by the community, for the community. We invite your ideas! CNYDrones@gmail.com