NORTHLAND AEROSPACE
UNMANNED. UNMATCHED.
Northland Aerospace blends history and innovation to provide an unrivaled education. We have been training aviation maintenance professionals over 50 years and created the first UAS maintenance and Imagery Analysis programs in America with the backing of the Department of Labor. Taught by instructors with years of actual experience, we strive to provide a comprehensive education that leads to careers with some of the biggest companies in the aerospace industry.

NORTHLAND COMM. & TECH. COLLEGE
CAREER READY FASTER.
Northland Aerospace is a part of Northland Community & Technical College (NCTC). NCTC offers more than 80+ program options. Each program offers you the focused attention and hands-on training you want along with the state-of-the-industry resources and career building opportunities you need to meet the demands of the rapidly changing world. You can virtually tour all of NCTC, including the aerospace site, by visiting northlandcollege.edu/360.

A MEMBER OF MINNESOTA STATE
EXTRAORDINARY EDUCATION. EXCEPTIONAL VALUE.
NCTC and Northland Aerospace are part of Minnesota State, a collaborative group of 30 colleges and 7 universities spread across Minnesota that serve over 400,000 students. By being part of the Minnesota State system, we can leverage our wide network of partners to bring the best training and latest equipment to you at DroneTECH.

PIONEERS OF INNOVATION
Blazing New Pathways
Northland Aerospace has shown its pioneering spirit by building programs based on needs from industry. We have created first-of-their-kind programs in aerospace and have found grant funding to do so. These grants from offices like the Department of Labor, NSF, MN Dept. of Agriculture, MN Job Skills Partnership, LCCMR and BWSR are proof that what we are doing is going to revolutionize how UAS education is built and delivered.

INDUSTRY DRIVEN
Partnering With The Best In Aerospace
We have some of the biggest names in the aerospace industry hiring our graduates and helping us design our curriculum. These same companies are also donating funds and equipment to our programs because they know our grads will be their top employees. Collaboration is key and we are making new connections everyday!

GRANT ACTIVITIES & PARTNERSHIPS
DRONETECH
A National Science Foundation Project
What started as a local project to bring attention to UAS and aerospace has turned into a national project with help from the National Science Foundation (NSF). DroneTECH was funded by the NSF to help create awareness of UAS for the next generation of aerospace professionals.

A National Science Foundation Project
What started as a local project to bring attention to UAS and aerospace has turned into a national project with help from the National Science Foundation (NSF). DroneTECH was funded by the NSF to help create awareness of UAS for the next generation of aerospace professionals.

INDUSTRY DRIVEN
Partnering With The Best In Aerospace
We have some of the biggest names in the aerospace industry hiring our graduates and helping us design our curriculum. These same companies are also donating funds and equipment to our programs because they know our grads will be their top employees. Collaboration is key and we are making new connections everyday!

This material is based in part upon work supported by the National Science Foundation (DUE 1501629 and DUE 1700090). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

A member of Minnesota State.
An equal opportunity educator and employer.
AEROSPACE REVOLUTION

THE FUTURE IS HERE
DroneTECH is revolutionizing aerospace education through next-gen teaching methodologies. Introducing the future workforce and implementing train-the-trainer strategies to bring educators up to speed are all part of the comprehensive strategies DroneTECH utilizes to bring UAS education into classrooms across the country.

READY FOR LAUNCH

A RAPIDLY GROWING INDUSTRY
The UAS industry is growing and evolving at a rapid pace. Those with the knowledge and skills will be prepared to be leaders in the field. DroneTECH is designed to provide you a baseline of knowledge and introduce you to the pathways to continue on to be an expert in UAS.

INDUSTRY-DRIVEN TRAINING
Learn on and fly industry-donated equipment.

$ AVERAGE STARTING SALARY
Average starting salaries of over $47,000 with much higher potential.

↑ TAKE FLIGHT
DroneTECH incorporates an all-encompassing learning environment to train you quickly and efficiently.

SUMMER CAMPS

TEACHING THE NEXT GENERATION
Northland Aerospace created DroneTECH summer camps to bring awareness to the next generation of college students. We strive to create a welcoming environment for all students who are interested in technology, aviation, and electronics. With a focus on how these areas relate to UAS, we can teach them the basics of traditional flight, maintenance, UAS, and safety in a condensed summer camp setting where hands-on experience is the ultimate focus.

BRINGING IMAGES TO LIFE
DroneTECH is all about breaking down barriers and educating. We introduce Geospatial Analysis to our camp attendees by utilizing real-world examples they will understand and relate to. By explaining how the GPS in their parents’ car works or by finding their house on Google Earth, we create a baseline of understanding and then let them explore the foundations of remote sensing and Geospatial Information Technologies in a fun and relaxed atmosphere.

EDUCATOR WORKSHOPS

A TRAIN-THE-TRAINER WORKSHOP
After the initial success of our traditional DroneTECH summer camps, we saw the need to create a camp designed to bring our educators up to speed on UAS technology and how they can incorporate it into their classrooms. We created the DroneTECH Educator Workshops to fill this need. Here we conduct a 3-day training session that introduces UAS, offers flight training, and provides education in potential applications within the classroom and community.

EMPOWERING EDUCATORS
You will receive training on the ELEV8 v3 Quadcopter system. By building this model on day one, you will gain an understanding of airframe, electrical systems, and the control systems. After building the UAS, flight school begins on day two and prepares you to safely fly your UAS. Day three consists of learning how UAS and Geospatial Technologies relate and how to leverage them for community and workforce applications at your institution.

UNMANNED UNMATCHED

See how NCTC is revolutionizing aerospace education.

northlandaerospace.com/dronetech

#mynctc