

# DRONE TECH

## EDUCATORS WORKSHOP

### “DroneTECH Applications Workshop”

June 27-29th, 2018

St Cloud State University  
720 4TH AVE S  
310 STEWART HALL  
SAINT CLOUD, MN 56301 USA

Northland Aerospace has led Unmanned Aircraft Systems and Geospatial Information Technology (UAS and GIT) educational developments since 2010 with the launch of the nation’s first UAS Maintenance Training Program. Northland Aerospace, currently has the only 2-year Geospatial Intelligence Analysis degree program and launched a small UAS Field Service Technician degree program in 2017.

Northland has also been awarded multiple National Science Foundation Advanced Technological program projects in partnership with St Cloud State University. These programs are leading the way in developments across Minnesota State College and University System (MinnState) as well as across the nation. With the most recent NSF award Northland and SCSU are proud to announce increase support for the DroneTECH Educator Workshops funded by the NSF ATE program.

**What:** Northland Aerospace DroneTECH 3-Day Educator Workshop “**DroneTECH Applications Workshop**”

**Who:** Secondary and Post-Secondary Instructors Teaching in STEM Related Disciplines Looking at UAS and GIT Program and Courseware Development.

**Topic:** This workshop will focus on practical industry applications for Drones and Geospatial Technology. Weather pending, participants will conduct field operations and data collection. Ongoing applied research projects will provide examples of how drones and geospatial technology are used. Pix4D software will be utilized in the processing of digital imagery.

**When:** June 27-29th, 2018

**Where:** St. Cloud State University

**Application and more information:** [www.northlandaerospace.com/dronetech](http://www.northlandaerospace.com/dronetech)

**Travel:** Community colleges are expected to cover the cost of transportation to the workshop. However, participants may receive up to a \$700 reimbursement for attending the workshop that will help cover associated travel cost.

**Requirements for Reimbursement:** The workshop is available to secondary and post-secondary faculty and staff involved in STEM related disciplines. Reimbursement for travel expenses requires participants to provide a plan of action for curriculum that will result in course development based on the workshop activities. This may be demonstrated through the following:

Attending the DroneTECH Educator Workshop.

- Providing plans for development of courses and pathways at your institution relating to UAS and GIT.
- Participating in the mentoring network for additional UAS and GIT faculty development.



- Leading organizational policy development for safe and legal integration of UAS at your home institution.
- Publicizing the use of UAS to increase UAS and GIT enrollment in both your service region and across the state and region.