

ETAS ADVISORY COMMITTEE MEETING

MEETING DATE –May 10, 2016

MEETING LOCATION – Room 735

Northland Community and Technical College.
1101 Hwy One East
Thief River Falls, MN 56701

Attendees:

- Andrew Dahlen – Northland College - ETAS instructor
- Cody Walseth – Central Boiler – Product Development
- Robert Fay – DigiKey - Applications Engineering
- Kyle Meier – ETAS Student.
- Cody Knutson – DigiKey – Product Manager
- Linda Brateng – DigiKey – Human Resources.
- Carey Castle – Vice President Northland College
- Tom Pittman – Electrical Engineer Central Boiler & ETAS Adjunct Faculty
- Eric Wold –Supply Management - Arctic Cat
- Ralph Cox – Math Instructor Northland College.

Agenda:

1. ETAS Move to Aerospace Campus
 - More space
 - Blend select ETAS / Avionics / UAS classes
 - Complete move prior to the start of Fall Semester.
 - See attached letter regarding the move.
2. ETAS Program improvements
 - Fanuc Robot - Purchased under MNAMP Grant - Andrew is a certified instructor for Fanuc Handling Tool Operations and Programming.
 - 3D Printers – Upgrade to Afinia 3D printers
 - Hydraulics Equipment – SMC Hydraulics Trainer Purchased with MNAMP Funds. Will be used Fall 2016. Equipment has solenoid operated valves, electronics and proportional valves. Far better than existing LabVolt Equipment.
 - Laser Cutter – Epilog Laser – 50 Watt. Useful in Fabrication class, capstone class, robotics, and for use by other departments such as Architectural Drafting.
3. Equipment
 - Leveraged equipment matching funds - Looking for a \$12,000 match for a CNC Router.
4. K-12 Outreach EX Robotics update.
 - Goals – 175 Minnesota Teams this year. 500 Teams in three years
 - College Team ranked 10th in their division at World Championship Tournament.

- June 6-11 Grafton VEX Summer Camp
- June 13 & 14th TRF RoboStorm (Lego) Camp
- June 15 & 16th EGF RoboStorm (Lego) Camp
- June 21-23rd RoboTek Summer Camp – Build your own Robot – Central Boiler and Digi-Key Electronics
- June 28-30th VEX Tournament Training and Coach's Training
- July 10-15th BSU VEX Summer Camp
- July 25th to 29th VEX Event Partner Summit in Louisville Kentucky
- August 1-5th North Dakota Coach's VEX Robotics Training
- August 8-12 VEX Robotics Camp in Mankato