

NEW Manufacturing Alliance
K-12 TASK FORCE MEETING MINUTES
EMT International – Hobart, WI
Friday, January 19, 2018 – 8:30 to 10:00 AM

ATTENDEES: Lynn Aprill-CESA 8, Doug Bengson-Headwaters Excellence Partners, Tim Beno-Hometown Bank, Alison Chapman-LTC-YA, Kari Christoph-A to Z Machine, Joe Draves-NWTC, Michelle Froehlke-R&R Insurance, Linda Goudy-Junior Achievement, Tania Kilpatrick-CESA 8, Sarah Lackershire-Rockline Industries, Sondra LaCoy, Brooke Mueller-GBAPS, Jennifer Rauscher-Plymouth Schools, Bill Richardson-Neenah HS, Andrew Rinke-FVTC, Christine Stelter-Menasha Corp., Scott Stephans-GPS, Brendon Wallace-Trillium Staffing, Ann Franz-NEWMA, Debbie Thompson-NWTC

REVIEW 2017 ACTIVITIES

- Reviewed and discussed the SME Parent Survey. Developed key messaging based on the results.
- March 3 - Valley Christian High School-Oshkosh held Discovery Day with tours at FVTC.
- March 7 – Fox Cities Chamber hosted ‘Find Your Inspiration’. Over 2,000 8th graders received an *All Stars* magazine.
- May – Alliance received a Special Recognition Award from the Wisconsin Technology Education Association.
- May 7 – Andy Bushmaker and Ann gave a Get Real Math presentation at the Wisconsin Mathematics Council’s annual conference.
- September – A one-page manufacturing careers flyer and toolkit were created that has been and will be used to promote manufacturing careers to parents/students/educators. The Alliance included a K-12 outreach survey that was conducted with their manufacturer members. Manufacturers identified their interests and the school districts they would like to serve, as part of the ACP manufacturing careers toolkit.
- A total of 12 new Get Real Math videos were produced at KI, Nercon, Marinette Marine and Rockline Industries.
- October 3 – Get Real Math Premiere – 200+ attendees from 85 different schools
- October 10 - NEWMA sponsored the Green Bay Chamber’s Find Your Inspiration event. Over 4,000 8th grade students received an *All Stars* magazine. Participating Alliance members received a discount on their exhibit booth.
- October - Funded bussing for over 1,000 students to participate in October (manufacturing month) plant tours.
- October 25 – Excellence in Mfg./K-12 Partnerships Awards - Record number of attendees and money raised: 405 attendees, \$15,000 raised by the auction.
- October 25-26 – Manufacturing First Expo & Conference – 500+ high school students were in attendance.
- October 25 – ACP Partnership meeting - 104 attendees, 35 school districts were represented.
- Six member companies partnered with a school to solve real-life problems. Manufacturer/school partnerships included: KI/Denmark; Rockline Industries/Sheboygan, Nature’s Way/Preble, KI/Bonduel, and Sofidel/BayPort.

25% DISCUSSION

At the last K-12 Task Force meeting in November, there was a discussion on **disengaged youth**. Since that meeting, there have been two meetings with principals from Denmark, Neenah and Pulaski High Schools regarding this issue. There is a critical mass of students starting out their freshman year and thereafter in high school that are disengaged, at-risk or unaware how school connects with careers. By working with this population early in their high school careers, there is the opportunity to change their entire high school experience, giving students better outcomes. The students will be engaged and understand that what is learned is relevant to the real world after high school. They will have direction for what career they are interested in pursuing when they graduate.

Denmark High School is launching a **Career Academy**. Oran Nehls would like to hire an educator that is able to work with the disengaged student. Block scheduling will permit more time for the student to have career exploration at companies, including job shadowing and work experience. Oran would also like to bundle courses as part of the Career Academy. If the student is doing well in a certain academic area (i.e. math), the student would not attend the Career Academy for that subject matter. The school within in a school would have career exploration, skills and project based learning.

The Career Academy will be primarily for freshman and sophomores. Once the student starts their junior year they would move into one of two areas: youth apprenticeship or 2/4-year college track. One of the issues with youth apprenticeship is the requirement for a work experience. Many students do not have enough skills their junior year to

qualify for a work experience. A possible solution is having the work experience within the school with an employer led classroom.

Another idea for seniors, '**Manufacturing Leadership Academy**' (MLA). Facets of the program:

- Students that have all of their credits completed by the end of first semester senior year would qualify.
- Students are unsure of their direction after high school.
- During the second semester of their senior year they would enroll in MLA.
- Students interview with companies that are sponsors of the program in order to be accepted.
- All of the instruction would be at the technical college.
- High School students that enter the program at the college would come from a variety of schools.
- Four classes: Intro to Machine, Intro to Welding, Intro to Electro-mech, and Leadership Academy
- Leadership Academy covers the following 4-hour modules.
 - Conflict resolution
 - Being a peer leader
 - How to work on a high performing team
 - Problem solving skills
 - Behavioral safety
 - Lean overview
- After successful completion, students are guaranteed an interview with sponsoring companies.
- Students earn college credit as part of the program
- If approved by the state as a recognized industry certificate, schools would earn money through ACT 59.

It was suggested to target high school freshman for the 25% program.

Andrew Rinke discussed the partnership between Moraine Park Technical College and FVTC in offering **welding boot camps** for the last six years. Participants are at least 18 years of age, not in high school, and do not need a high school diploma to participate. The welding boot camps are grant funded so students can enroll and leave with a credential and work experience, with the hope that they will continue their education. They are able to work towards a high school diploma while participating in this program. Employers sign-on to the boot camp and pay the student a \$12 an hour wage during the 144-hour internship. A \$500 stipend is paid, in two installments, to each student at the beginning and end of the camp. Employers in the FVTC and Moraine Park areas are being sought to continue the cohorts.

Manufacturers are encouraged to contact Ann if they would like to learn more and/or participate.

This type of programming will be discussed at future K-12 Task Force meetings.

REVIEW 10/25 ACP ROUNDTABLE FEEDBACK

This topic was tabled for the February 16 meeting.

PLAN 2018 ACTIVITIES

- Develop strategies around parents and manufacturing career awareness.
- February 16 - Mind Trekkers at NWTC's Green Bay Campus – This is a highly interactive, STEM event.
- Saturday, February 17, 8:00 AM to 12:00 PM – **SeaPerch Competition** at Ashwaubenon Community Pool with 16 teams. **Contact Ann if you would like to volunteer for this event.**
- March 14-15 – Fox Cities Chamber's 'Find Your Inspiration.' Over 2,000 8th graders will be attending and receive an *All Stars* magazine.
- April – Engineering Technology Career Pathway events at De Pere, Wrightstown and Seymour High Schools. Electro-mech mobile lab and career speakers focused on industrial maintenance, electro-mech/automation and engineering technology careers.
- April 24 – Hortonville & Greenville Middle Schools **Manufacturing Careers Program. Manufacturers are needed to provide interactive, hands-on activities. Contact Ann if you would like to volunteer for this event.**
- May – Andy Bushmaker and Ann will give a Get Real Math presentation at the Wisconsin Mathematics Council's annual conference.

- August - K-12 outreach survey of the membership identifying manufacturers' interest at what school districts. Results will become part of the ACP manufacturing careers toolkit.
- 12 new Get Real Math videos will be produced.
- October 3 – Get Real Math Premiere
- October - NEWMA will sponsor the Green Bay Chamber's 'Find Your Inspiration' event. Over 4,000 8th grade students will be in attendance. Each student will receive an *All Stars* magazine. Alliance members receive a discounted exhibit booth.
- October – Student bussing is funded for plant tours.
- October 23 – Excellence in Mfg./K-12 Partnerships Awards
- October 23-24 – Manufacturing First Expo & Conference – 500+ high school students will be hosted.
- October 23 – ACP Partnership meeting
- Member companies will partner with a school to solve real-life problems.
- Strategies and programming for addressing the 25% issue.

NEXT MEETING DATE/TIME/LOCATION/AGENDA

The next K-12 Task Force meeting will be on Friday, February 16 at NWTC's Business Assistance Center's BA133 boardroom (Green Bay), 8:30 to 10:00 a.m. Agenda items include the following.

- ✓ 25% & Related Programs
- ✓ 10/25 ACP Roundtable Feedback
- ✓ Upcoming Activities/Events
- ✓ Next Meeting Date/Time/Location/Agenda