

NEW Manufacturing Alliance
INDUSTRY 4.0 TASK FORCE – WEBEX MEETING MINUTES
Thursday, November 18, 2021 – 1:30 to 2:30 PM

ATTENDEES: Ann Franz-NEWMA, Beth Kneisler-Valley Packaging Industries, Bruce Wisnefske-Sargento, Eric DeKorne-Greater Green Bay Chamber, Dan Heiser-SNC, Debbie Thompson-NWTC, Jake Manches-MTU, Jason Trombley-NWTC, Jela Trask-WEDC, Jill Thiede-NWTC, Jim Wall-SACA, John Katers-UWGB, Jordyn Roe-Belmark, Mark Kralovec-PCMC, Matt Kirchner-LAB Midwest, Matt Wolak-GSC, Michael Cook-Rockwell Automation, Rick Roeske-PCMC, Sabrina Robins-Abaxent, Scott Beyer-Green Bay Packaging, Tim Heyrman-KI, Uli Unterriker-Optima Machinery Corp.

DATA ANALYTICS COURSE & CYBERSECURITY TRAINING – ANN FRANZ

82 people enrolled in the Data Analytics course that ended on November 16. Microsoft increased the number of course hours from 23 to 28. The 5th cohort will begin in January 2022. Registration will be announced in December.

There are a few more openings for NWTC's Intermediate Power BI & Visualization course. This five credit college class is free due to Wisconsin Advancement Training and Microsoft grants. The Alliance was awarded another \$30,000 Microsoft grant, which will also fund additional data analytics and cybersecurity training.

With the additional grant training dollars, Ann asked members how the funding could be best spent. Sabrina recapped that Abaxent could provide cybersecurity training, in addition to performing security assessments for companies at various levels.

Attendees discussed the concern of its internal architecture in protecting against cybersecurity breaches. Sargento is doing corporate level cybersecurity training but in a year or two would have more opportunity to expand their offerings. Optima's corporate in Germany is rolling out awareness initiatives. Uli stated that awareness training regarding links and their dangers would be welcome. Green Bay Packaging has resources and partnered with an organization that provides training on cybersecurity threats. Training focuses heavily on not clicking unfamiliar links. Valley Packaging Industries could use one or two mid-to-highly trained people to mitigate the damage when someone clicks on item(s) they shouldn't have.

College reps briefly discussed their various cybersecurity training programs. When the 2022 funding becomes available, best practices will be sought.

- ✓ Ann will contact manufacturer members to conduct a short survey to determine their interest and level of need. In early 2022, survey results will be shared with manufacturers so the desired training can be established.

INDUSTRY 4.0 STUDY – ANN FRANZ

60+ Industry 4.0 surveys were completed. Almost 100 people started the survey but didn't complete it. Preliminary results will be shared at the 12/16 quarterly full membership meeting. More in-depth findings will be discussed with the Industry 4.0 Task Force at its January 2022 meeting. As a follow-up to the results, Ann discussed possibly holding a college faculty event during the 2022 April/May timeframe to discuss college degrees needed by companies.

VIRTUAL SERVICE TECHNICIAN PILOTS

Since our last meeting, there have been two meetings with a cohort of companies interested in exploring technology solutions for virtual service technicians. Company participants are CMD Corp., EMT International, PCMC, Precision Paper Converters, Sargento Foods and Schreiber Foods. Company reps met with Microsoft, Rockwell Automation and zSpace to learn more about their technology offerings. Some of the companies will be conducting a technology pilot over the next two months. Their findings will be shared with the Industry 4.0 Task Force.

2022 INDUSTRY 4.0 TASK FORCE ACTIVITIES

Members brainstormed 2022 Industry 4.0 Task Force initiatives.

- ✓ Take a deeper dive into the Industry 4.0 survey results.
- ✓ Plan a faculty college event for April or May to discuss degrees in demand by companies.

- ✓ Member case studies will be sought for presentation at Industry 4.0 Task Force meetings.
- ✓ Members are encouraged to contact Ann with any additional ideas for 2022 Task Force initiatives.

Jela Trask, of WEDC, has been engaging statewide with companies. WEDC is looking at a program to incentivize manufacturers to invest in automation. Dollars would be provided to companies with an assessment and plan to move forward. Support is needed to advance to the next level of productivity improvement. Jela will be following-up with members on this initiative.

SMART AUTOMATION CERTIFICATION ALLIANCE (SACA) PRESENTATION

Jim Wall, SACA, jim.wall@saca.org

Matt Kircher, LABS Midwest

Michael Cook, Rockwell Automation, mcook@ra.rockwell.com

SACA is a non-profit organization whose mission is to develop and deploy modular industry 4.0 certifications for a wide range of industries. Their vision is to provide affordable, accessible certifications that significantly increase the number of individuals who possess the skills represented by these credentials, ensuring companies have a highly skilled workforce. By partnering with industry, SACA develops this much needed training. Many Wisconsin companies help define SACA standards.

The world of work is changing. These are exciting times. Wisconsin is leading the way on industry 4.0. Wisconsin colleges, high schools and companies continue to forge ahead in this relatively new landscape.

All SACA certifications can be attained on two levels: **Silver or Gold**. **Silver Certifications** are awarded to candidates who successfully pass the written knowledge exam. This certification is ideal for individuals seeking to validate online core achievement or when hands-on testing is not available. **Gold Certifications** are awarded to candidates that successfully pass the written knowledge exam and complete hands-on performance assessments on approved equipment.

SACA certifications represent industry driven standards and ISO certification process. Their Certified Industry 4.0 training includes associate, specialist, and professional certification levels. Examples were shared of their entry level, higher skill level, and advanced occupational credentials. SACA Industry 4.0 credentials are relevant, high quality, tied to occupations, flexible, low cost, instructor trained, and provide learning pathways.

NEWMA members are welcome to join SACA. Membership rates vary. Once an organization becomes a member, certifications are free. SACA's goal is to help create more industry 4.0 pathways for a productive workforce.

Michael Cook, of Rockwell Automation, shared that their organization joined SACA as a Platinum Member which allows them to offer SACA certifications to their employees and provide scholarships to sponsor educational institutions and teachers when they start new industry 4.0 certification programs. This commitment will impact the standards and future direction of the certifications and promote leadership in Industry 4.0 education. Rockwell Automation is honored to be working with SACA.

SACA's Guiding Principles

- Create a cohesive, aligned approach to Industry 4.0 workforce preparation at all levels – K-12, technical college, university, apprenticeship, re-entry, incumbent workforce.
- Offer brand-agnostic, Wisconsin industry-relevant credentials where appropriate.
- Certify 25,000 Wisconsinites in Industry 4.0 using SACA's industry recognized credentials.
- Build on Wisconsin's already functioning Industry 4.0 initiatives and efforts.

UPCOMING ALLIANCE EVENTS

December 16, 2021 - Quarterly Membership Meeting, at FVTC's DJ Bordini Center (virtual or in person), 8:30 to 10:30 AM

NEXT MEETING

The next Industry 4.0 Task Force Webex meeting is on January 27, 2022, 1:30 to 2:30 p.m. Agenda:

- ✓ Welcome & Updates
- ✓ Data Analytics Training
- ✓ Industry 4.0 Study
- ✓ Virtual Service Technician Pilots
- ✓ Case Study Presentation(s)
- ✓ Upcoming Alliance Events
- ✓ Next Meeting Date/Time/Agenda