

NEW Manufacturing Alliance
INDUSTRY 4.0 TASK FORCE
Thursday, July 27, 2023
Fox Valley Technical College
Minutes

ATTENDEES: Tom Benzshawel-Hatco Corp., Jim Broennimann-GSC, Michael Combs-QComp, Ann Franz-NEWMA, Mark Kralovec-PCMC, Chris Lipski-Vantage/Abaxent, Steve Meyer— FVTC, Daniel Moya-Hatco Corp., Josh Payne-mode 40, Karl Reischl-NWTC, Sabrina Robins-Abaxent, Rick Roeske-PCMC, Nick Schnidtke-GSC, Steve Straub-FVTC, Jill Thiede-NWTC

Topic 1: AI, digital literacy, project management and data analytics training updates.

The Digital Literacy training that was funded by Microsoft had great feedback from the participants and companies. In June, there was an ESL version of the class that had translation in Spanish. There will be classes available in the fall.

A new AI training is being offered utilizing LinkedIn Learning and content experts starting on August 22, 2023. To date, there are over 80 people enrolled in the class. Project management course will have its next cohort starting September 13. Data Analytics next training will start in November.

Topic 2: Update on Microsoft Technology Center tour.

Ann took 15 people to Microsoft Technology Center in Chicago on June 16, 2023. Jill shared her thoughts from the tour. She encouraged others to attend the tour in the future. There are different rooms featuring different technologies from IOT to cybersecurity. Microsoft offers a one day free brainstorming session where companies can bring their teams to work on a challenge. Ann will work with Microsoft and MxD on offering a similar tour next spring.

Topic 3: Presentation on additive manufacturing by GSC presented by Nick Schnidtke.

Nick shared that GSC is a 30 year old engineering company that was recently purchased by Ellison Technologies. The company is a sells Solidworks, Markforged and CAMWorks. The company especially likes that Markforged, an additive printer is US made. The additive printer can create tooling, CMM Fixtures, MRO Parts, part replacement, weld fixtures and other components.

Topic 4: Practical Examples of Industry 4.0, Josh Payne with mode40

Josh gave real world examples of 5 case studies of how companies have utilized Industry 4.0 into their organizations. Mode40 has over 25 years experience of providing groundbreaking technology solutions. The company can help with automation, retrofit solutions, PLC, SCADA, MES or ERP systems from the ground up.

Topic 5: Discussion of replicating Industry 4.0 study

Ann shared that she would like to conduct the Industry 4.0 study that was completed in 2019 and 2021. At the next Industry 4.0 meeting, there will be review of the study to determine any areas to remove from the study that will be done in February 2024. The organization will be working with St. Norbert again to conduct the study.

Topic 6: NEWMA programs and event updates.

August 22: First class for NEWMA AI training
September 13: First class for NEWMA Project Management training
October 25: Manufacturing First Expo & Conference
November 2: Internship Draft Day at Lambeau Field

Topic 7: Next meeting date 8/31/2023 at 1:30 p.m. via Teams