

**NEW Manufacturing Alliance**  
**INDUSTRY 4.0 TASK FORCE – MICROSOFT TEAMS MEETING MINUTES**  
**May 25, 2023 – 1:30 PM**

**ATTENDEES:** Adonica Randall-Abaxent, Angela Accurso-MxD, Ann Franz-NEWMA, Christine Quackenboss-WIN Technology, Dan Heiser-SNC, Dan Mincheff-NWTC, Daniel Moya-Hatco Corp., Debbie Thompson-NWTC, Doug McDonald-Hatco Corp., Jake Manchester-Michigan Tech, Jela Trask-MxD, John Katers-UWGB, Jon French-mode40, Karl Reischl-NWTC, Michael Combs-QComp Technologies, Nick Rolf-Guardian Business Solutions, Scott Janssen-James Imaging Systems, Sue Zittlow-NWTC, Thomas Benzshawel-Hatco, Uli Unterriker-Optima Machinery

**NEWMA INDUSTRY 4.0 TRAININGS: Digital Literacy, Project Management, Data Analytics**

Digital literacy training, in partnership with Goodwill, began in May 2023. A total of 97 employees enrolled in the course. Goodwill taught the class at nine member companies. A follow-up survey determined all participants found the class to be satisfactory, with many experiencing a growth in their computer skills.

Additional digital literacy training will be offered, including a Spanish version that will begin in June. Going forward, the training will only be offered onsite at the companies, with at least 5 – 10 employees participating in each class. Members are encouraged to contact Ann if they are interested in hosting an onsite class for their employees.

Ann will be sending notification soon regarding project management and data analytics fall classes. Over 400 member employees have taken the data analytics and project management courses.

**PRESENTATION: MxD | The Digital Manufacturing & Cybersecurity Institute | [www.mxdusa.org](http://www.mxdusa.org)**

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- MxD Hiring Guides: [The Jobs Taxonomy](#) and the [Hiring Guide: Cybersecurity in Manufacturing](#). Both are completely free to download.
- MxD Learn’s [Virtual Training Center](#) has more 1,000 free and paid courses. It is free to sign-up and users can browse courses of interest.
- **Upcoming FREE CyMOT Course in partnership with University of Maryland-Baltimore County:** MxD’s Cyber in Machine Learning Course will take place Tuesdays & Thursdays, June 20, 22, 27, 29, July 6, 11 from 6:00 p.m. – 9:00 p.m. ET. Manufacturers are encouraged to invite their networks and employees to participate in the no-cost CyMOT program, offered in partnership between MxD and UMBC. At approximately 20 hours, the next available course will build expertise needed to succeed in AI/ML engineering roles and will be delivered online with live instruction. Students are expected to be proficient in Microsoft Excel. Email Nilanjan Banerjee at [nilanb@umbc.edu](mailto:nilanb@umbc.edu) to register.
- MxD will be hosting our [June In-Person Information Session](#) on June 15, from 2-3:30 p.m. CT. Learn more about MxD. Their staff will take you on a tour of the Factory Floor.
- For those who cannot make it to Chicago, please feel free to take [MxD’s Virtual Tour](#) and explore our Factory Floor virtually.

*MxD – Where innovative manufacturers forge their futures | MxD equips U.S. manufacturers with the digital manufacturing tools and expertise they need to begin building every single part better than the last.*

The company began nine years ago as DMDII, with the mission of helping U.S. manufacturers adopt digital. MxD launched in 2014 with an investment from the DoD. They are one of 16 institutes focused on advanced manufacturing and help manufacturers digitize their operations and increase adoption. They convene stakeholders, advance technology innovation and adoption, and empower the workforce. \$120 million has been invested in R&D demonstration, National Center for Cybersecurity in Manufacturing, and building digital workforce initiatives. MxD continues to partner with their members, academic researchers, startups, and federal government agencies to launch digital manufacturing and

cybersecurity projects. They look for ways to leverage what a company has already invested in, while working to stretch taxpayer dollars. The majority of their support comes from the DoD.

MxD features a diverse ecosystem of nearly 300 members: DoD + other government, manufacturers, solution providers, academics, and non-profits. A [Supply Chain Summit](#) is scheduled for June, while an MxD Member Summit is slated for early October. They are looking for ways to collaborate at an organizational level.

**MxD Learn** fosters collaboration across industry, academia, government, and non-profit leadership to ensure the current and future workforce are connected to the roles and competencies needed for digital and cybersecurity manufacturing applications. MxD Learn is led by industry, driven by community, and focused on the under-engaged. In the next couple of months, MxD will be engaging with industry to establish workforce gaps and needs. MxD Learn:

- Identifies the future of work.
- Creates the training programs.
- Provides hands-on learning, including virtual classes. Onsite, virtual, and augmented reality test beds are available. Videos are available that dive deep into the test beds.

#### **Cybersecurity for Manufacturing Operating Technology (CyMOT) Curriculum**

- Professional training curriculum customized for the fast-paced demands of cybersecurity in manufacturing.
- Completion of CyMOT courses result in certification as a Manufacturing Cyber Systems Operator.
- Opportunity for manufacturers seeking diverse and highly trained new talent as apprentices in 2023.

A manufacturing workplace accessibility and job training program is coming soon. The goal is to provide individuals with disabilities access to manufacturing jobs.

**Members are encouraged to follow-up with Ann if they are interested in traveling to MxD (Chicago) for a tour in August or September.** Ann also shared that NEWMA is working in partnership with the State of Wisconsin for a training grant.

#### **MICROSOFT TECHNOLOGY CENTER TOUR | CHICAGO, IL | JUNE 16, 2023**

All 15 spots have filled. **Contact Ann if you would like to be put on a waiting list for the 6/16 tour.**

#### **UPCOMING ALLIANCE EVENTS**

May 30:	Taps + Tours at AriensCo Museum, Brillion, 3:00 to 5:00 PM
June 7:	President's Cup Scholarship Golf Scramble at Blackwolf Run
June 8:	NEWMA Quarterly Membership Meeting at Lambeau Field, 1:00 to 3:00 PM
June 14:	Aviation Careers Exploration Retreat for Tech Ed Teachers – Appleton, WI
June 1:	All Star Nominations Begin
June 9:	Excellence Awards Nominations CLOSE
June 30:	All Star Nominations CLOSE

#### **NEXT MEETING**

The next Industry 4.0 Task Force meeting is on July 27, in person at Fox Valley Technical College starting at 1:30 p.m.