

MANUFACTURING/ELECTRONICS ADVISORY BOARD

November 13, 2017

Copper Penny Room

ATTENDANCE

Michael Barth, Thyssen-Krupp; Eric Cox, Kirby Risk; Todd Flessner, DACC; David Gutteridge, Danville Metal Stamping; Doug Hunter, DACC; Ben Jun, DACC; Mike Jureseski, Danville Metal Stamping; Jeff Primmer, DACC; Bruce Rape, DACC; Tim Scarlett, Danville Metal Stamping; John Setser, Fastenal; Jane Towne, Towne Machine; Sherry Waggaman, DACC; Stephanie Yates, DACC

REPORTS

Reports were done on each area of curriculum (See New Business)

OLD BUSINESS

No old business to report

NEW BUSINESS

Electronics

Ben reported on the new robot lab being setup in the Advanced Technology Complex. Industrial Automation and Advanced Automation will incorporate learning of robots. He is currently working on the course descriptions and Student Learning Outcomes. PLC's with a robot arm can be used in the manufacturing process. The arm can also be programmed to do welding. Perhaps the new welding instructor can be brought in as a collaborative learning environment for both sets of students. It's time to build interest and recruit for these courses.

Manufacturing

The CNC machines have been delivered and are in the process of being setup. The goal date is to have them up and running by mid-December. Todd has completed training and is setup to teach MFRG 100—OSHA 30 for anyone. He encouraged the industry partners to send their workers through DACC for this training. Bruce said the CNC lathes will need to be replaced in the coming years, now that we have the new CNC machines. David Gutteridge mentioned that it would be beneficial for students to learn the Mazak Controllers, he might be able to help DACC obtain a school discount.

CAD

Sherry reported machining graphics has been increased from 2 to 3 credit hours so that we had more time to add Geometric Dimensioning & Tolerancing. Next year in fall software for AutoCAD and Inventor will be moved to the 2018 version. Sherry has been teaching Principles of Engineering and Intro to Engineering for the PLTW students. This is a great group of students and would be an excellent source for internships.

Mechatronics

Doug reported that the machining lab is full!

ITEMS FROM THE FLOOR

Danville Metal Stamping moved to the Ball building to expand their operations. They are struggling to fill orders and are looking for good workers. Any manufacturing experience is a plus, but if they know micrometers, calipers and blue print reading they will work to train them.

The nationwide trend in machining and CNS's is it is difficult to find skilled workers and difficulty hiring and keeping people.

Todd wanted to stress to the industry partners that there is always a need for apprenticeships. Even if the company doesn't want to start its own apprenticeship program, like Krupp, the students can be hired from the Industrial Tech College Express program. These students are taking the same courses as the Krupp Apprentices.

DATE of NEXT MEETING

TBD

MINUTES SUBMITTED by:

Respectfully submitted,

Lisa J. Osborne

Lisa J. Osborne
Administrative Assistant
Business and Technology