

MANUFACTURING-ELECTRONIC TECHNOLOGY ADVISORY BOARD

April 28, 2017

Laura Lee Room

ATTENDANCE

Nick Chatterton, VVEDS; Mike Cline, Flex-n-Gate; Eric Cox, Kirby Risk; Ann Marie Cross, Watchfire Signs; Brandon Edwards, Flex-n-Gate; Todd Flessner, DACC; David Gutteridge, Danville Metal; Doug Hunter, DACC; Mike Jaruseski, Danville Metal; Jonathan Jett, Worksource; Ben Jun, DACC; Brad Kent, Thyssen-Krupp; Dave Kietzmann, DACC; Dr. Stephen Nacco, DACC; Bruce Rape, DACC; Jerry Shuman, Flex-n-Gate; Scott Towne, Towne Machine; Sherry Waggaman, DACC; Bob Wright, Watchfire Signs; Stephanie Yates, DACC

REPORTS

No reports at this time

OLD BUSINESS

There was no old business to discuss

NEW BUSINESS

Manufacturing Updates

Todd Flessner opened the discussion regarding new equipment. Recently the CNC lab cleared out some old unusable equipment making room for updated equipment. Budget has been an issue, but newer equipment is needed to keep students up-to-date. Todd has looked into purchasing HAAS equipment for around \$18-25K. HAAS supports education and offers discounts. The members agreed that HAAS would be a good machine. There is also a movie from Edge Factor featuring HAAS that could be used as a recruiting tool. Mazak machinery was mentioned, as another possibility, used for heavy applications and is accurate. It doesn't require the use of CAD/CAM software, but it is around \$80K.

Changes in curriculum in the future would include combining Manufacturing Engineering Technology degree with and without CAD to simplify our degree offerings. Earlier this year the decision to take out Technical Math II and work on implementing the math elements in all of the technical courses so that students associate the math they are doing with the career path they are taking.

Mechatronics/NIMS

Doug Hunter focused his discussion on recruitment. It helps when the students know why they are in the program and if they understand their expectations. Industrial Tech students are attractive candidates for full-time operator positions at Thyssen-Krupp. Watchfire also looks at transcripts and DACC students are put on the top of the list. Brad Kent agreed to come talk to students about apprenticeship at TK and the possibility of tuition reimbursement.

CAD

Sherry gave updates to DRAF 160, this was changed from 2 credit hours to 3 credit hours. This will give her more class/lab time to focus on geometry and GD &T. Math will be integrated into all classes.

Electronics

Ben has made some changes to his curriculum already by eliminating Tech Math II and integrating more math in all courses to make it comprehensive. A special AC Circuits course was created for students as an introductory course. This will be especially helpful to those students in Wind Technology and Manufacturing. The college is receiving three new ABB Robot Arms and Ben will be developing a new robotics course over the summer. Industrial Automation will be adjusted to accommodate the new technology.

ITEMS FROM THE FLOOR Members were interested in the new DACC_CTE page on Facebook. Lisa will send this link <https://www.facebook.com/DACC.CTE/> via email to all members in attendance

DATE of NEXT MEETING TBD

MINUTES SUBMITTED by: Respectfully submitted,

Lisa J. Osborne

Lisa J. Osborne
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Business and Technology