

Attendance

Mike Lueer, Jim Williams, Greg Mills, Dan Branch, David Jarl, Mitchel Keil, Pat Quigley, Deb Coates, LaJoyce Brooks, Dave Brock, Rick Garthe

Greetings, Introductions and Announcements

- Call to order – The meeting was called to order by Brock at 11:30am
- Tom Buszek retired, Deb Coates will be taking the roll of interim dean
- Marilyn Schlack retiring after 30 years. New president will be Dr. Luther Marshall Washington.
- Diane long left Perrigo and started her own apprenticeship-consulting firm. She will be the middle person for the institution on training, similar to Michigan works. Contact LaJoyce for contact information.

Review of the last meeting minutes

Approved

Program update for Winter 2018 and Fall 2018 enrollment.

- Machine tool still doing well
- 12 students enrolled for class 205

Capital equipment for this year and next year

- Historically, capital equipment has been financially supported by our administration, which we are very grateful for.
- One of the equipment pieces being added to the metal energy area is an XRF(xray florizine) Elemental Analyzer.
 - The analyzer will be able to determine different pieces of metal or surfaces to tell what type of element it is. The XRF will be shared across all three departments (Chemistry, Geology and EDMT) for student use.
 - Total cost came to just under \$50,000 and was purchased from Thermal fisher.
 - Veronica Mcmann, Kim Lewis, Bill Kring helped tremendously with spec'ing the equipment and had a lot of good collaboration throughout the process.
 - Capital purchases are typically approved for replacement items, whereas this is new addition.
- Stair project approved. Still planning to pursue but have one more step for the certification on the metrology side.

Old Business – EDMT Course offerings

- Looking toward fall 2019, possibly moving the mastercam class to the fall instead of the winter.
 - This will give the opportunity to create a new class in multi access (offer in spring).
 - Currently mastercam is a very large class in time, length and contact hours. They get through quite a bit, but Multi access typically does not. They do a lot of 2D and 3D on mill, lay and wire. It is a lot packed in for a 15 week class and/or for someone inexperienced.
 - Machine tool currently does not offer any spring classes currently so this would be appealing to financial aid students.
- Proud of our 221 class
 - Students gaining a lot of experience. They have ramped up what they are doing including implementing more macro programing. Probing will continue to become more important.

New Business

- Brock - Recently embarking on mat squared program for megatronix.
 - We will have Companies Bently and Lemper that will be involved with this program. Students will spend 7 or 8 weeks on campus and then work for 7 or 8 weeks on the job, alternating back and forth.
 - Megatronix is a growing demand. Excellent program because students will be able to go anywhere in the shop and run any piece of equipment once they have completed the program.
 - The problem is that we need at least 15 people signed up in order to run it and we didn't get the students. One of the companies considering Megatronix has sweetened the pot by actually paying students a \$10 per hour and pays for housing but they are still struggling to find qualified candidates. Once we find employees and students, it will be great but we need to advertise.
- Brooks – Kalamazoo has the share prosperity initiative, which is trying to identify ways to get more people employed. A sub-committee that came from it is focused on internships and apprenticeships to help make skills trades more attractive by starting to market to kids in junior high. Parents don't realize that apprenticeships mean students still have to go to college. There will be a meeting May 3rd at the Upjohn institute about apprenticeships and efforts for skills trades.
- Dave, Bill and Electrical department has been most involved in matsquared. Estimates on building mods is around \$700,000 and equipment is around 1.1 million. In order to support that type of investment it is important that matsquared is very successful.
 - Goal is to offer AAS degree in megatronix that will sustain long term if matsquared does not turn out to be sustainable.
 - Directors position open for this, which closes Monday, May 1, 2018. This position has both Administrative and teaching responsibilities.
 - KVCC is committed to this but that does not guarantee that the employees and numbers will be there.
 - Matsquared classes set up for fall.
 - Conversation came up in Northern Indiana high school that KVCC is known for being a megatronix and matsquared school.
 - The plan for housing the new equipment is to convert this room, 5830, into additional machine tool space and to house additional EDMT, matsquared, trainers etc.
 - Conversation about support for this in the area. Many agreed that they would want to higher somebody with this training but the cost is just high.
 - Pfizer is looking to hire 500 people in the next 3-5 years in new a building. Need to reach out to employers.
 - Rick – Does not sound like a strong market at this point. Megatronix is not well known and not much of an employment factor right now.
 - Machine companies growing especially on the eastside of the state.
- Brooks - Pfizer reached out to KVCC and had meeting in December. Discussion about wanting to bring back their apprenticeship programs to KVCC.

- They have been doing some expansion and are looking to hire 400-500 employees.
- Apprenticeships they would like to start with - Electrical, Pipe Fitters, Process Automation, CNC Machine, Machine Repair. Doing some expansion. Span over 2-6 years.
- They have not reached out to chairs at this point because they would like to go through the hiring process first and redevelop their standards with the Department of Labor.
- Keil - Western advanced manufacturing in Grand Rapids. New Building.
 - Starting a 16-hour certificate program to start in manufacturing demonstration area for robotics, direct laser, 3d printing.
 - Teaching courses have begun and adding more this fall.
 - Rick – designed building for people to meet casually with each other and integrating with high schools, community college and Western. Will transfer credits from high school to Western.
 - Things have really taken off in the new building, which is located across from Van Andel.
 - KVCC and Western accept each other's courses now.
 - Enrollment is great; they are just having a hard time finding space.
- Garthe – Will be co-chair for engineering KVCC pride design program for AAS to dovetail with Western.
 - Offering art, which will be led by Beth Purdy. Rick to help with the Tech side.
 - Penciled in EDMT classes. Hoping to get some drafting class's downtown, if they can find the right space.
 - Figuring out logistics, money etc.
- Architectural drawing – had good enrollment and have a lot of interested in this class.
 - Only one class available offered in the evening during the fall semester. Not tied to a program other than certificate. It is here as an elective.
 - People are moving to work in architectural firms. Bronson, for example, is asking people to have this skill to manage buildings etc. Firms are using it as a replacement for Auto CAD
- Williams - EDMT 205 class. Each year getting better but would like to continue building up enrollment.
 - First year they built two mud units, this year they built five and they are getting more into product design.
 - Run class like production environment.
 - Designed Yo-yo, red arrow military key chain, pocket multi tool, and Michigan shaped beer bottle opener.
 - Get involved with different resins.
 - Final grade determined by sampling all of the final molds.
- Brooks – enrolling for fall semester. Summer starts May 7, 2018. Please turn in forms for apprentices.
- Will possibly start only holding one advisory meeting a year.

Adjourn 12:40