**Advanced Manufacturing Sector Board**

**February 17, 2020 from 4-5 PM**

***The mission of the Advanced Manufacturing Sector Board is to work together as an industry to***

***create an awareness of the careers within the industry and increase the pipeline of***

***potential future workforce***

1. **Welcome & Introductions**

Present: Brian Bedard, New Leader Mfg; Mariann Ryan, WLC; Mark DeRycke, D & S Sheetmetal; Mark Williams, QPS; Mike Lucas, Cento; Tom Barnes, Barnes Mfg; Tom Cavanagh, Goodwill Light Mfg; Eric Foreman, Red Star; Jade Lynch, Aerotek; Barb Rawson, AMSB facilitator, Mary Ann Bries, Kirkwood Corporate Training; Jim Otto, Washington Co instructor (zoom); Nicole Houk, Parker Hannifin (zoom).

1. **Company announcements/news:**
	1. Mariann Ryan with Workplace Learning Connection
		* 1. Volunteers needed for middle school presentation at Vernon Middle School regarding your career on March 13 from 1:06 – 2:36 p.m.
2. **Speaker**: Jen Daly, ICR Iowa
	1. Jen shared information on Expanding Credentials Through Pathways Sponsors.
	2. Kirkwood Community College in partnership with ICR IOWA and the Cedar Rapids Metro Economic Alliance received a grant through the Future Ready Iowa Employer Innovation Fund to support our regional workforce development initiatives. The Expanding Credentials through Pathways is a program that will be held onsite at several of our regional high schools this spring to allow juniors and seniors, especially those with barriers, to complete a credential/certificate in manufacturing or healthcare.
	3. The Manufacturing & Welding Programs include:
		* 1. Iowa City West Welding – 4 students/Monticello Welding – 8 students/Marion Independent Welding – 6 students (estimate)
	4. They are searching for employers willing to sponsor students for this program
	If you are interested in sponsoring one or several students, please complete form at the end of the minutes. All employers who sponsor this program will have the opportunity to meet with students who are in the program, host a student for an internship or job shadow experience, and talk with seniors who are graduating this spring about job opportunities.
	5. The curriculum for the program is available from Carla Andorf at Carla.andorf@kirkwood.edu.
3. **Treasurer Report** – presented by Erik Lewis
	1. Bills paid this month: Make it Blocks for Governor Stem Fest $19.26; cost of envelopes for mailing letters with balm to school counselors $61.11; Boards for the McKinley project $240.
4. **Best Practice:**
	1. Tom Cavanagh shared looking at projects that haven’t changed in 5 years and using the LEAN program to improve the process
		* 1. 7 Deadly Waste: motion, product defect, material, excess inventory, overproduction, transportation, underutilizing people
			2. The recently looked at ways to LEAN the production of the gift project for Nordstrom’s.
5. **2019-2020 Initiatives**
	1. The promotion of the portal [explore-manufacturing.org](https://explore-manufacturing.org/) to increase awareness about the manufacturing industry and increase the local pipeline of workers.
	2. To plan educational events with middle school/high school students to increase awareness of the manufacturing industry.
	3. To create awareness about the manufacturing Industry and the great careers available
	4. To provide educational opportunities for business in the manufacturing industry through tours, round-table discussion and speakers.
6. **Portal Update** – Nicole Houk
	1. Letter with the manufacturing portal information with lip balm attached was sent to 120 guidance counselor letters. The theme of the letter was “Manufacturing is the Balm”.
	2. Women in Manufacturing page is being created to show possibilities for women in mfg.
	3. Gamification quiz is available on the portal at <https://explore-manufacturing.org/wp_quiz/manufacturing-quiz/>
7. **Create Awareness about Mfg. Industry and Careers Available:**
	1. Governor’s STEAM Festivals
		* 1. Linn County on Tuesday, February 18 from 4 - 7:30 p.m. at Kirkwood Linn County Regional Center, Hiawatha. The event is expecting to have 1500+ students and parents attend. The booth will have hands on activities and a virtual welder.
			2. Belle Plane is holding a STEAM Festival on March 29 from 1 - 4 p.m. This event is expecting 600+ students and parents to attend.
			3. Educator Tours (ET)
				+ McKinley Tours (40 teachers) is February 21: Climate Engineers and Good Will Light Manufacturing hosting
				+ North Linn Tours (30 teachers) is March 23: Frontier Co-op, Fusion Inc. and New Leader Mfg. hosting.
	2. Public Outreach - ICR Future features AMSB each month in their newsletter and social media.
	3. Educational Events with Middle/High Schools
		* 1. McKinley 8th grade tours (149 students) was January 28: Barnes Mfg, InTolerance, Timberline Centro, MSI, Modern Piping, PMX, Profol, Americas, and Kirkwood Industrial Tech Building. Mike Lucas shared feedback from the students.
			2. McKinley Manufacturing spring date is March 18.
	4. Biotechnology/Food Science Exploration Day is April 14 for 100+ high school students.
	5. Anamosa STEAM night is April 2 from 6 – 8 p.m.
	6. Cedar Rapids Community School District and IowaWORKS will co-host the 2020 Future Ready Youth Career Fair. High school seniors who are uncertain of their next steps or do not have plans to immediately begin post-secondary education/training or those under the age of 18 looking for a summer or part time job, please register at:  [https://2020youthjobfair.eventbrite.com](https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2F2020youthjobfair.eventbrite.com&data=02%7C01%7C418HR%40hcr-manorcare.com%7C87c1c78339d94e46137008d79b7254ea%7C053af594947149639f1553432d540084%7C0%7C0%7C637148787680838453&sdata=2Qo5RkI1EiyQH5x7%2FiCnUysrZ1Gg2uvUlkmXXvIdduc%3D&reserved=0)
	7. Connecting girls to manufacturing: <https://napequity.org/make-the-future/>
8. **Leadership in Manufacturing class**
	1. Erik Lewis strongly recommends having leaders in manufacturing companies attend the Kirkwood leadership in Manufacturing Program. For more details click [here](https://view.publitas.com/kirkwood-community-college/kirkwood-corporate-training-leadership-in-manufacturing-2019-20-brochure/page/1)
9. **Manufacturing Tour:**
	1. Mark Williams is working on March tour location.
10. **Hiring Needs Discussion**
	1. The sector board wants ideas on what it can do to help support the companies by spreading the message, upskilling, etc.
	2. One suggestion is for feedback from instructors of students ready to graduate from the Academy programs who are looking for a job.
	3. Companies that have welding openings can email Sam Stark and Dane Dermody, Kirkwood welding instructors, and they will post on a classroom board.
	4. The sector board published a list of KCC industrial tech instructors a year ago. Email Barb if you want the list sent to you.
	5. Eric with Red Star shared that they hire college interns that frequently turn into full-time hires as a strategy.
11. **Career Aspire** –
	1. Event at US Cellular Center for 9th grade students. The students will do a career assessment before and post curriculum after attending the event. Information is sent to parents regarding the different pathways and salaries. This event is held at the end of October.
12. **Give Away** – Climate Engineers donated a custom fire pit
	1. Nicole Houk with Parker Hannifin was the winner of the door prize.
13. **Partner Updates –**
	1. Advanced Manufacturing with Robotics and Welding Career Academy is looking for steel donations. The list of items needed/wanted is included at the end of the minutes.

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Next Meeting March 16, 2020 from 4-5 p.m.

Roundtable Discussion or committee work time from 3 – 4 p.m.

Zoom is available to attend the meeting   <https://kirkwood.zoom.us/j/792340099>

**See below for handouts from the meeting**

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 **SPONSOR A STUDENT, CONNECT WITH A FUTURE EMPLOYEE
Expanding Credentials through Pathways in ICR Iowa**

Kirkwood Community College in partnership with ICR IOWA and the Cedar Rapids Metro Economic Alliance received a grant through the Future Ready Iowa Employer Innovation Fund this fall to support our regional workforce development initiatives. The **Expanding Credentials through Pathways** program will support the completion of a post-secondary CTE credential and work-based learning experience in a high-demand career path for 60 high school students in districts within the Iowa City-Cedar Rapids region.

The high-demand career paths that we will be targeting for this program include advanced manufacturing, healthcare, information technology, and customer service. We are also pursuing students from marginalized and diverse populations.

As a part of this program, we are searching for employers who are willing to **sponsor one or several of the students** who participate. Sponsor dollars will be used to provide a student stipend that will support their time during a work-based learning experience.

Employer sponsors will have the opportunity to provide an internship or job shadow experience for a participating student within their program of choice. They will also be invited to a reception and hiring event with graduating seniors who are completing the program.

**We would like to sponsor one or several students for this program.**

Company Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company Contact Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Phone Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Email Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_ We can sponsor 1 student for $600 \_\_\_ We can sponsor 5 students for $3,000
\_\_\_ We can sponsor 10 students for $6,000 \_\_\_ We can sponsor \_\_\_ students for $\_\_\_\_ ($600 per student)

I would like to pay in: \_\_\_\_\_ 2019 \_\_\_\_\_ 2020

I would like to pay by: \_\_\_\_\_ invoice \_\_\_\_\_ credit card \_\_\_\_\_ ACH payment

I would like to provide a work-based learning opportunity for a student who is participating in this program within the following career path:

\_\_\_ Advanced Manufacturing \_\_\_ Healthcare
\_\_\_ Information Technology \_\_\_ Customer Service

**Employer Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Return this form to Karen Friederich at Karen.friederich@kirkwood.edu or call 319-398-5548.
Thank you for participating in this important workforce development program!

**Advanced Manufacturing with Robotics and Welding Career Academy**

**Steel Donation List**

1. Needs
	1. ⅛ inch thru ½ plate steel for weld coupons
	2. Aluminum round or bar stock for CNC parts
2. Wants
	1. Angle iron
	2. C-channel
	3. Misc tubing
	4. Etc.

Shear and Saw drop off material is very useful to us. We have capacity at the regional centers to Sawcut, Plasma cut and (Shear ⅜ max thickness). Transporting can be a challenge pending weight.

Regional Center contact and location for donations

* Jones County Regional center

 (Colton Halder) colton.halder@kirkwood.edu

 (Donnie Kremer)

 220 Welter Drive

 Monticello, IA 52310

* Linn County Regional Center

 (John Hassen) john.hassen@kirkwood.edu

 1770 Boyson Rd.

 Hiawatha, IA 52233

* Kirkwood Regional Center at the U of I

 (Mike Kubas) mike.kubas@kirkwood.edu

 2301 Oakdale Blvd.

 Coralville, IA 52241

* Washington County Regional Center

 (Jim Otto) jim.otto@kirkwood.edu

 2192 Lexington Blvd.

 Washington, IA 52353