



Diesel Power Technology

Meeting Date: November 2, 2023

Time: 6:30pm

External Participants: 9

Scott Kingren – Service Manager – Vermeer Midwest

Sandy Seyller – Human Resources Coordinator – AHW, LLC

Steve Deller – VP Product Support – West Side Tractors

Corrie Confer – General Manager – Lakeside International Trucks

Lance Roberts – Service Manager – Crown Equipment Corporation

George Orth – Maintenance Manager – Rockford Mass Transit District

Jeffrey Fues – Service Manager – Prairie State Tractor

Duane Schroeder – Service Foreman – CIT Trucks

Jim Garner – General Manager - CIT Trucks

Internal Participants: 5

Chase Budziak – Dean of Instruction

Jescelynn Gibbons – Associate Dean of Instruction

John Boesche – Diesel Power Faculty

Donovan Flink – Diesel Power Faculty

Catherine Macias – Minutes

I. Program Update – (Budziak & Flink)

a. Fall 2023 Enrollment

- College up 9.4% since last fall
- DPT down 101 credit hours (-16.6%) since fall of 2022

b. Spring 2024 Courses (Budziak)

- DPT program has the capacity to serve 48 students (24 freshmen and 24 sophomores)
- One cohort of sophomores will be graduating with their certificate in Spring 2024
- Full cohort of freshman will transfer to sophomores.
- Diesel Power faculty are recruiting students for the program by visiting Kishwaukee Education Consortium and speaking with the area high school dual credit students

c. Program Faculty & Staffing (Boesche & Flink)

- There are three full-time diesel instructors

d. SkillsUSA & Student Update

- In April, Kish's SkillsUSA chapter had 19 students qualify for the SkillsUSA Illinois State Leadership & Skills Conference Championship in East Peoria
 - Students competed in Heavy Equipment Operation, Power Equipment Technology, and Diesel Equipment Technology
 - Tyler Faber earned first place in Heavy Equipment
 - Jacob Schmidt earned first place in Power Equipment Technology
 - Warren Flink earned fifth place in Diesel Equipment Technology
 - Schmidt earned first place overall and a state title
 - Faber finished second place overall
 - Ethan Gieseke earned third place overall
- Advisory committee member Scott Kingren, from Vermeer Midwest, attended the SkillsUSA competition. He shared it is worth seeing for anyone able to make it.
- Yearly cost for funding the SkillsUSA competition trip is around \$15,000

e. Facilities, Equipment, and Supplies (Boesche)

- Recent Donations
 - Vermeer Midwest donated a generous amount to offset some of the travel costs to attend SkillsUSA Competition
 - John Deere diagnostic software, (Service Advisor), is up and running
 - Steve Dellar from West Side Tractor was key in donating the software program. The program provides a data link to connect the program laptop to machines and access the programs within the construction equipment. Mike Read from AHW, LLC. aided in obtaining access to the agricultural side of the program.
 - Rockford Mass Transit District donated parts for the transit bus
 - Remke's Garage donated a drive shaft for one of the three trucks that have been previously donated by Meiborg Enterprises
- Budziak shares with the committee that the college is in the beginning stages of updating the overhead lighting in the Diesel Power lab. There are 180 light fixtures with LED lights which will include individual occupancy sensor. Budziak asks the committee if there are any concerns with this update.
 - Committee shares their shops have the updated LED lights with the Individual occupancy sensors and have had no issues or safety concerns
- Committee asks what donations are still needed
 - John Boesche states current technology donations that are needed: scrap metal, new injectors, hydrogen fuel pumps, parts that show and tell components, any items that will show the change in fuel economy, battery, and hybrid technologies

f. Events Update (Flink)

- In the Fall 2023, 40 students went on a one-day field trip that started at Fairbanks Morse, a machining manufacturer in Beloit, Wisconsin. The students ended their tour at Uni Carriers Forklift and Power Train Factory in Marengo, Illinois.

II. Employer Feedback & Discussion (Boesche & Flink)

a. Industry Update

- The future of technology involves advancement in engine efficiency, emissions control, alternative fuels, and integration with emerging energy technologies
- John Deere shared that they are looking for 30 different machine models with low carbon alternatives by 2026
- These emerging energy technologies will result in a 40% savings in fuel

b. Promotional Materials (Budziak)

- DPT Banner Project: Budziak shared information about creating a banner that is 2 ft high x 6 ft to help promote the program, the industry, the network employers who support Kishwaukee DPT, and offset SkillsUSA and other student event costs
- An employer monetary donation will be required; in return, employers will receive two banners to display at employer's chosen locations
- Committee recommends a \$1,000.00 minimum donation and also suggested that the banners could be customized to individual employers as other employers do not want to display their competition. Another suggestion was that depending on a donation amount, one could increase the number of banners given and promotional items an employer could receive.
- Budziak will follow-up with employers on this promotional banner program with updates, details, and registration forms
- Committee members asked for Kishwaukee promotional materials to disperse to others in their area, recruiting events, etc.

c. Curriculum

- Discussion started on one-year certificate

d. Employment Opportunities/ Internships

- 220 internship hours over the summer between freshman and sophomore students

e. Other

- The Truck Driver Training Program will transition under Budziak, as of January 1st, 2024