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| San Bernardino Valley College |  |  |  |
| Diesel Advisory Meeting Minutes |  |  |  |
| Wednesday 10/17/2018 |  |  |  |
| 3:00pm - 4:30pm |  |  |  |
| Transportation Department Rm 113 |  |  |  |
| NAME | COMPANY | PHONE | E MAIL |
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| Alan Kay | SBCUSD - Pacific High School | 909-388-6419 | [alan.kay@sbcusd.k12.ca.us](mailto:alan.kay@sbcusd.k12.ca.us) |
| Rene Castellanos | Operating Engineers Training Trust | 562-572-5101 | [rcastellanos@oett.net](mailto:rcastellanos@oett.net) |
| Pat Munday | BNSF Railway | 760-255-7827 | [patrict.Munday@bnsf.com](mailto:patrict.Munday@bnsf.com) |
| Tarif Halabi | SBVC Electronics/Electric |  | [thalabi@valleycollege.edu](mailto:thalabi@valleycollege.edu) |
| Mark Williams | SBVC Auto Diesel Chair |  |  |
| Todd Warden | AQMD | 909-396-3370 | [twarden@aqmd.gov](mailto:twarden@aqmd.gov) |
| Albert Maniaol | SBVC | 909-384-8904 | [amaniaol@sbccd.cc.ca.us](mailto:amaniaol@sbccd.cc.ca.us) |
| Eric Harworth | Pacific High School | 909-649-1385 | [eric.harworth@abcusd.com](mailto:eric.harworth@abcusd.com) |
| CJ Eastwood | Pacific High School | 9099-496-0153 | [cj.eastwood@sbcusd.com](mailto:cj.eastwood@sbcusd.com) |
| Brianna Finney | Velocity Truck Center | 971-645-7058 | [bfinney@vvgtruck.com](mailto:bfinney@vvgtruck.com) |
| Karen Childers | SBVC | 909-384-8987 | [kchilders@valleycollege.edu](mailto:kchilders@valleycollege.edu) |
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| Brent T Litjen | Union Pacific |  | [btlitjen@up.com](mailto:btlitjen@up.com) |
| Kimberly Collins | csusb |  | [kimberly@csusb.edu](mailto:kimberly@csusb.edu) |
| Todd Horton | CSUSB |  | [horton@csusb.edu](mailto:horton@csusb.edu) |
|  |  |  |  |

3:18 Pledge of Allegiance

3:19 Introduction

3:25 Discuss Partnerships

DMA Scholarship (8)

Velocity – CNG Truck Donation valued about 90,000 and 4 engine training modules valued at 20,000

BNSF – Students that goes through our program are disciplined in procedures and demonstrate responsibility with the job at hand.

TEC – Volvo truck donation, transmission donation , engine donation and internet access valued about 60,000

DMA – training material donation about $8000 in books purchased to use in classroom

SoCal Gas $50.000 grant to purchase CNG equipment.

Operating Engineers Training Trust Local 12 Union – The 3 students that are working for them are doing well.

Kenny thanked our partners for their continued support, for hiring our students and giving them an opportunity.

3:31 Curriculum Disscussion

Diesel Engine and Fuel Injection Technology Certificate – The certificate is 20 unit stackable and goes towards the larger more complete 28 unit certificate

**Diesel Engine and Fuel Injection Technology Non-Credit** - The certificate takes the same classes as the Diesel Certificate, but it non-credit and does not go towards a certificate or degree. They can later challenge and take the exam and pay for the credit to get credit towards a degree.

Heavy/Medium Duty Diesel Truck Technology Certificate – This certificate is 28 units and covers bumper to bumper training of the truck. They learn general maintenance, electrical systems to trouble shooting. The certificate is designed to provide students with the fundamentals of alternative fuel technology as it applies to the industrial. The curriculum prepares students for entry-level positions in diesel and electrical maintenance, field service and networking.

**Heavy/Medium Duty Diesel Truck Technology Non-Credit Certificate** – This certificate is similar to the above except that it is noncredit. It gives students the opportunity to take the classes who do not have the funds to pay for the classes. The students can later have pay for the classes in order to get the credits earned.

Heavy/Medium Duty Clean Vehicle Technology Certificate – They learn about SCR, green-house gases, alternative fuel technology, CNG (Compressed Natural Gas), and electrical maintenance. Terry Halabi stated that the classes allow the students to continue their education in Electrical engineering should they choose got a Bachelor Degree.

Heavy/Medium Duty Diesel Truck Technology A.S. Degree Major –

Question: BNSF have been hiring people with electronics knowledge and skills (ie. checking ground, continuity, checking currents etc.) and that everyone starts as an apprentice. They have found that people with electrical education are struggling with the change in work environment, because the field work is more rigorous. The training BNSF is referring to is reflective of the hands on lab open to the elements. Students get first-hand experience in the lab.

Pacific HS – was suggesting an internship program, because of their concerns for their students who are completing their program. They were informed that students with a high school diploma and the Heavy/Medium Truck certs will be given an opportunity to work. The partners stated that the people who do well will have a good attendance, work ethic

BNSF and Union Pacific stated the they are willing to pay for the employee’s education, but the students would have to work the night shift. Employee would have to test to promote (i.e. civil service exam).

Brianna Finney of Velocity Truck Centers stated that the students who goes through our program have been preforming better than their other alumni employees from other colleges. SBVC students employed by Velocity Truck have also been sent off-site to help customers and that Velocity has great trust that those students because they have the knowledge to do the job successfully. Brianna also states about the electric truck that will saturate the area in Southern California and the demand of employment will be high and no technicians available to work on the trucks. Velocity Truck Center just purchased several electric trucks for their rental and leasing fleet and are working close with DTNA the develop training and documentation to be used within the industry.

Future Forecast

Next year more electric trucks will be coming out, Daimler Truck which Velocity is a Daimler Dealer. Kenny stated the he would like to get a donation and he will speak with Velocity on the matter.

Although the new trucks are all electric, the education that our students learn is still relevant because the electric truck will need general maintenance which covers coolants/oils, braking systems, bearing and etc.

By year 2020 it is expected to have more than 10,000 electric trucks in the area and so there will be a need to certify mechanics who are familiar the general maintenance and advanced electric vehicle repair knowledge.

Mark Williams stated that in May 2019 five (5) students from auto collision will be hired by TEC of California.

Velocity is very happy with the results of the students they hired.

Pacific HS is currently in the design phase of their program and are currently looking at shop functionality, safety, and space utilization.

Pacific HS diesel program is currently open to sophomore – seniors. They are trying to address the student to loan debt.

Karen Childers presented the scholarship opportunities that we have and that we encourage endowments because it is a lasting benefit to our students as oppose to one time funding. This is a great opportunity and the rewards are outstanding for our students. The truck donation was well accepted from Velocity Truck Center, and the Foundation is looking forward to strengthen our partnership with an endowed scholarship from all partners of the Heavy/ Medium Duty Truck Department.

CSUSB mentioned they would like to have conversation about a partnership with us for the continued education for our students in an IT Logistics degree reflecting Trucking and Maintenance Bachelor Degree.

BNSF and Union Pacific are looking for general mechanics knowledge with the ability to weld. Kenny M. will introduce Josh Milligan whom is the chair of the Welding department contact both UP and BNSF

Albert Maniaol brought up the question of where are we with the truck driving course and simulators that SBVC Diesel was inquiring about, that are located at CSUSB. The conversation was well received within the advisory meeting. Kimberly Collins PhD, Professor of Public Administration was very interested in the conversation to use or acquire the truck simulators at their University. Albert Maniaol has interest in creating a truck driving school program for class A for our students. CSUSB has training modules they are interested in having discussion about in the near future.

4:20 meeting adjourned.