

DVR Technology & Engineering Education Committee

Meeting 3- Friday, Jan. 19, 2018 9:00 AM- 11:30 AM

OPRFHS, Room 194

Attendees: Paul Potvin (Leyden), David Weishaar (Riverside-Brookfield), Nick Michalek (OPRF), and Ryan VenHorst (OPRF)

Automotive Technology

Current Course Offerings in Automotives

Enrollment by school- OPRF has an Automotive Program offering two levels, Auto Tune-Up and Advanced Auto. Leyden offers multiple levels including an active shop type course for the advanced students to work on cars in the community. Riverside-Brookfield is running a section and focusing on basic auto care and doing work for some community cars when it fits in the curriculum.

Current Trends in the Industry- The discussion among the group focused on electric vehicle development as well as maintenance concerns being properly addressed to extend the life of the vehicle. Newer considerations to outfit classrooms in the near future deal with increasing computer systems in vehicles as well as the potential systems related to driverless vehicles. While the industry is not shifting today, some manufacturers are gearing up for a new type of format for vehicle sales/rental.

Outlook Information (Career, Internships, Education, Certification)- Leyden and Riverside-Brookfield schools are aware of some certifications available to students through various brands like Snap-On. These are modular type activities that students complete using diagnostic tools and then the students can test to demonstrate their proficiency or mastery. Currently none of the three schools are NATEF certified or looking into that certification based on the time and equipment demands. All of the teachers felt confident in the curriculum being offered as a solid first step for students interested in the industry.

Equipment Needs by school- Each school will be submitting grant requests for any equipment needs to further outfit the shops to meet curricular and technical demands.

Field Trips/ Career Spotlights/ Industry Tours- Each school has been attempting to get students access to the various field trips offered in order to have students seeing speakers and facilities that offer potential career paths. OPRF and R-B attended the Dudek and Bock field trip and the teachers found it useful. The largest concern over these trips is students saying that they will be penalized by their other teachers in one way or another for going on field trips so they opt to skip the activities in order to attend regular classes in school.

Tour of the OPRF Facilities- We took a look at the spaces for woodworking, engineering, and automotives in the north end of the building and discussed the layout and compared ideas for the spaces in the schools.