

DVR Technology & Engineering Education Committee

Year End Report 5/7/21

The DVR member schools have worked together this year to discuss the goals listed below. The four meetings had focal areas of general technology education, automotive, manufacturing, and construction.

Leyden- continuing with the program structure in place.

OPRF- continuing with PLTW Engineering courses and woodworking and automotives.

Riverside-Brookfield- Offering the same courses as 2020-21 with expected room to grow.

Proviso- continuing with the PLTW course offerings. (Did not update in the spring.)

Ridgewood- Continuing with PLTW courses and current offerings in construction and woods.

Elmwood Park- No current TEE program

The DVR Technology group has met this year and covered topics pertaining to the following goals.

1. Collaborate among the high schools to align our curriculum with potential for dual credit with Triton programs in Construction Technology (COT), Automotive Technology (AUT) and Engineering Technology (ENT).
 - a. The Construction Technology program is now aligned with the courses offered at Ridgewood High School and Leyden High Schools and the dual credit offered will take place next year at both. This is new at Leyden and a continuation at Ridgewood. Riverside Brookfield High School is making some adjustments to the course in the hopes to begin alignment discussions next year with Triton.
 - b. The Automotive Technology program has aligned with Leyden and OPRF for dual credit and the plan is to have implementation in the fall of 2021 at these schools. Riverside Brookfield is not currently aligned, but is in discussion to get the course aligned in the next school year to begin discussing the option for dual credit.
 - c. The Engineering Technology course alignments have been arranged in prior years and should not see a change in the next school year. Ridgewood, Leyden, and OPRF are working under these alignments now. Proviso schools are also aligned as a part of the Project Lead the Way curriculum utilized at their campuses.

2. Help foster growth of the advisory councils for each school related to the various programs offered within the technology departments.
 - a. Each school has been delivering various amount of in person experience this year. Some of the connections have taken a different form this and teachers are adopting some more virtual opportunities for students to explore careers and connect with professionals. While the separation through screens is not optimal, it has been a positive reported from each school that there has been an adoption of technology-based options for students to connect with careers and professionals.
 - b. OPRF has been using the role of the post-secondary pathway coordinator to access VirtualJobShadow.com and Transeo for coordinating career engagement activities for students. Leyden also uses Transeo with their students and has continued working with business partners in a more limited capacity this year due to the lacking contact opportunities. Ridgewood is continuing their relationships with business partners also at more limited engagement this year due to restrictions. RB has also been working to engage more partners in business and career outreach for trades and manufacturing.
3. Promote professional development among TEE teachers through state, regional, and national conference attendance.
 - a. Teachers from each school reported less enthusiasm for the local, state, and national conferences this year. Several were held virtually including ACTE, TEAI, ITEEA, and Connections. With new expectations for returning back to more in-person interactions next year, many hope to have the opportunity to get back to conferences and share the experiences of this year and find out how others made adjustments to deliver the Technology and Engineering Education content this past year.
4. Create more awareness to keep a hold of the growth we've seen in our programs in the past few years.
 - a. Each school has been working to find ways to connect with students to make sure their offerings are understood for next year. RB, Leyden, Ridgewood, and OPRF all expect to be running similar sections and building these programs in the next school year as well. There has been a fair feeling of support for the programs as the teachers have reported at the meetings during this very different school year.