

# DVR Technology & Engineering Education Committee

*Meeting 4- ~~Thursday~~ Tuesday, ~~March 12~~ May 12, 2020 8:00 PM- 9:00 PM (Zoom Meeting)*

*~~Location to be determined~~*

Our goal is to have at least 1 representative from each school at every meeting in order to facilitate communication and help support each school through our interactions with Triton, DVR, and the requirements of our programs in educating our students.

Construction Technology (Construction, Woodworking, Manufacturing/Metals, etc.)

Attendees- Greg Lindeman (Leyden), Brian Collier (Ridgewood), David Weishaar (Riverside-Brookfield), Nick Michalek (OPRF), Jim Messer (OPRF), Ryan VenHorst (OPRF)

## Meeting Notes

Curriculum discussion among all member schools and offerings

Curriculum guide discussion-

Leyden- running woods, construction

Ridgewood- woods (dual credit with ENT 116), construction (GiC),

RB- no specific changes. Continuing with the modular units.

OPRF- looking into more opportunities with Geometry in Construction with “tiny home” potential.

Current offerings, Final Enrollment figures for 2020-2021

Enrollment projections all looked similar to the prior year.

Student opportunities/internships

Each of us discussed the potential for creating more discussion around careers and investigating the work that can be done in videos, interviews, research, and trying to navigate or setup new face-to-face opportunities.

Dual Credit Opportunities and Enrollment or Certifications

This will be a topic for increased discussion next year as Triton has revamped some of their construction coursework and we look to strengthen the relationships with the Architecture and Construction programs for each of the high school programs that have a tie to post-secondary work.

## Cross-curricular work in the TEE programs

We'll be looking to coordinate on this topic further as the look of the classroom may be changing next year in light of our social distancing and spring remote learning.

## Action Items

### Business Partners for Advisory Councils-

Each school has continued with their prior partners in the construction and manufacturing pathways. Most of these are relationships that have been fostered through employment opportunities. As OPRF, RB, Leyden, Ridgewood, and Proviso schools have created positions in the past few years (or in the planning) that organize efforts to connect students with careers, we expect to see further formal relationships being organized.

### Conference attendance-

OPRF and Ridgewood have sent teachers for training in North Carolina for the ShopBot machines this year. RB is interested in potentially getting informal or formal training on the ShopBot products. Greg Lindeman from Leyden spoke to the user friendly nature of the products and their utility in the classroom.

### Feedback for Tech Committee Meetings

We are continuing to strive for wider participation and everyone in attendance has communicated that the discussions have value for their reflection in their own classroom practices. With an unknown outlook for next year's educational settings, we expect to make efforts to continue meeting in the formal context, and we may possibly be looking to coordinate further in a less formal manner in order to share ideas for teaching in the classroom and remotely if needed.

## Future goals for each program among member schools

### Equipment needs for each school

Each school is in the process of submitting FY21 requests to suit their needs. There has been very little knowledge of what the next school years might look like, so some consideration to equipment that can be run with programming skills to have students putting out products while not necessarily needing to be in person when completing the process. Some examples of these include design using 3D printers, CNC routers, and laser engraving equipment are in discussion related to our current curricular plans.