

DVR Technology & Engineering Education Committee

Meeting 1(now Meeting 4)- Thursday, April. 18th, 2019 9:00 AM-1:30 PM

Riverside Brookfield High School, Riverside, IL Auto Shop Facility

All Areas of Technology and Engineering Education (TEE)

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

AGENDA

Program Updates

High School Programs in each district

RB is continuing its past curricular offerings in the Technology Department. A tour of the facilities offered insights into the use of modules in the Exploring Technology course. David Weishaar discussed his use of the space to allow students the opportunity to guide students in their independent exploration of the various modules. The space is also used for the construction course and comparison of the facilities at OPRF and Leyden were discussed with regard to the methods of teaching construction, manufacturing processes, and technology overview courses like Exploring Technology and Principles of Engineering.

Career Pathways through TEE and academic intersections in the classroom

ILCTE Innovative Curriculum Project- Illinois subscribes to MyCaert and this allows teachers access to numerous lesson plans on various topics in the CTE courses. They can be used with a login that can be obtained by reaching out to the ISBE or to CTE Coordinators in regional consortiums. Dr. Merrill at Illinois State University is one of the contacts in Illinois. This database has a wide variety of plans in all of the CTE fields.

Advisory Councils

Each school is continuing their current forms of advisory councils. Leyden has an established manufacturing advisory council. Leyden has also had connections with the construction trade unions in connection with their construction courses. OPRF has businesses that have been working with the woodworking and automotive teachers. Ridgewood has been connected with the local unions and businesses surrounding the high school. RB has been working with local auto shops connecting students with part-time jobs and continuing to keep the curriculum relevant to the changing technology in the industry.

District Development of Business Partnerships

Technology department teachers have been asked to continue development of their business relationships through this year and the summer in order to work on continuing to strengthen the business partnerships for the 2019-2020 school year.

Equipment needs

RB- Helical jointer heads, Identifix Auto Diagnostics

Leyden- 3D printer, Automotive Scan Tool, Bandsaw, Lathes

OPRF- SawStop Table Saw, Bandsaw, Dovetail Jig, Tire Machine, CNC Mill and Lathe

Ridgewood-

Proviso-

Dual Credit

Dual Credit offerings have continued as previously arranged between each school and Triton College.