

DVR Technology & Engineering Education Committee

Meeting 4- Wednesday, May 11th, 2022 3:15 PM

Meeting on Zoom

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.

Manufacturing focus meeting and end of year items

AGENDA

- Current Course Offerings in Manufacturing

 - Dual Credit offering in Machining, Woodworking, Computer Integrated Mfg.

 - Current Trends in the Industry and Classroom Adaptation

 - Outlook Information (Career, Internships, Education, Certification)

 - Dual Credit Enrollment prospects for 2022-23

 - Curriculum discussion among all member schools and offerings

 - Business/Post-Secondary Partners

 - Advisory Councils

- Equipment Needs by school

- 2022-2023 School Year Meeting Prospects

Attendees: David Weishaar (Riverside-Brookfield HS), Ryan VenHorst (OPRF)

Current Course Offerings in Manufacturing

OPRF- Computer Integrated Manufacturing, Digital Electronics, Principles of Engineering, Introduction to Engineering Design, and various woodworking courses.

RB- Foundations of Technology, Introductory Electricity

Dual Credit offering in Machining, Woodworking, Computer Integrated Mfg.

OPRF has dual credit in woodworking currently

RB does not have current agreements for dual credit

Current Trends in the Industry and Classroom Adaptation

Several district schools have adopted Project Lead the Way (PLTW) which has options for coursework allowing students to use manufacturing as a basis for study around the engineering fields. These courses are regularly evaluated and updated to follow industry trends and technology changes.

Outlook Information (Career, Internships, Education, Certification)

Career outlook in manufacturing is very strong in the US and is locally driven by industry sectors. DVR has had past partnerships with A-1 Tooling, Sloan Valve, and other companies with specific hi-tech sector manufacturing that is strong and likely to continue into the future.