DVR Technology & Engineering Committee

Meeting 1 – Thursday, January 12th, 2023 11:00 AM
Topics: All Technology & Engineering Areas
East Leyden High School
3400 Rose St Franklin Park, IL 60131
Little Theater

In Attendance: Michael Kuhn, and Ericka Kouba - DVR, Eric Lasky, and Brian Collier - Ridgewood HS, Frank Holthouse, and Mike Matticks- Leyden HS, Nick Michalek - Oak Park and River Forest HS

Introductions: Introductions were made among committee members. Ericka Kouba introduced herself and her role in assisting DVR Schools as they begin to build their College and Career Pathway Endorsements.

College and Career Pathway Endorsements: While these endorsements are made up of several more requirements the conversation focused on earning 6 hours of relevant Dual Credit, Ideas for team-based challenges and inviting experts to provide authenticity to these challenges, and Work-Based Learning opportunities which can include school-based enterprises as well as employer-based experiences.

Dual Credit: Discussions were had around what each school is currently offering, any issues, and what if any changes with dual credit members would to see for 2023-24. It was noted that is difficult for most if not all CTE teachers to qualify for IAI Dual Credit courses due to the instructor requirements.

Team-Based Challenges: While needed for a Pathway Endorsement, Team based Challenges offer an engaging way for students to interact with Technical and employability standards. After covering the state's definition members identified where this is occurring already and brainstormed some new opportunities. The TMA precision matching competition or D214s Robot Rumble where brought up of examples of existing practice. While the idea of Little Libraries was brought up as an example of a new challenge. A discussion occurred on weather to have a regional team base challenge for construction. Brian Collier wanted to make sure team based challenges were embedded in the work classes were already doing and not add anything extra taking classes away from the projects they are doing.

Work-Based Learning: Perkins V describes WBL as “sustained interactions with industry or community professionals in real workplace settings, to the extent practicable, or simulated environments at an educational institution that foster in-depth, firsthand engagement with the tasks required in a given career field, that are aligned to curriculum and instruction.” Members discussed this definition and ways in which Work Based Learning opportunities can be created and shared with students.

Academic Integration and Employability Skills: These standards and skills were shared among members as well as several ideas for integrating these standards into existing lessons.

Equipment: Members discussed each school's process for receiving industry-reflective equipment as well as the practice of maintaining a wishlist for timely purchase needs.

Technical Standards: The new Manufacturing, Engineering, Technology, and Trades standards were shared.