

DVR Technology & Engineering Education Committee

Meeting 4- Friday, March 9, 2017 9:00 AM- 11:30 AM with Lunch to follow

Ridgewood High School Woodworking/Construction Rooms

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

AGENDA

Introductions- Coffee and Donuts

Curriculum discussion among all member schools and offerings

Current offerings-

OPRF- 6 sections of woodworking/ advanced woodworking

Ridgewood- 2 sec. of Geometry in Const. and 4 in woods/ adv. Woods

RB- 1 section of Construction

Leyden- 4 sec. of Home Repair and 6 in woodworking

Cross-curricular work in the TEE programs

Our final meeting regarding construction and woodworking was held at Ridgewood High School. The discussion involved the current technologies available to students involving Computer Aided Manufacturing (CAM) and the Geometry in Construction program at Ridgewood. The intersection of the core academic areas and our Technology and Engineering Education (TEE) programs is obvious when we are applying the content of math, science, communication (English) and historical relevance of the technologies as they impact our society. Our programs are uniquely situated to integrate this information for our students. While our districts have varying opportunities to connect with industries based on demographics, local business influences, and intersections of economic structures, our courses have the ability to give students insight into technology and soft skill development. The concern that was held constant throughout this year was an understanding that we are attempting to offer students an opportunity to learn the expectations of proper communication with colleagues, superiors, and end users of a project in the classroom. These soft skills were the focus of all local business employers, and our TEE teachers recognize the importance of teaching these skills in the classroom that will translate to employable skills in the future.

Action Items

Business Partners for Advisory Councils

Conference attendance 2017-18

Teachers from our member districts have attended many conferences and workshops this year in pursuit of strengthening our understanding of employment needs and current trends in

career and technical education. These conferences include the Illinois Technology Education Conference, the Association of Career and Technical Education Career Tech VISION Conference, the Connections Conference in Tinley Park, the International Technology and Engineering Educators Association Conference, and the ICAIA Auto Conference. The development of the programs to suit the education needs of our students and the employment opportunities of our communities continues. There were five teachers who attended the Tech Trek in January which allowed teachers to visit three companies in our community and talk to employers and some employees about the careers and the various pathways that allow for gainful employment. Our programs continue to develop curriculum and implement new technologies for the benefit of our students and their potential employment in the years to come.

Feedback for Tech Committee Meetings

Tour of Ridgewood Facility including the Geometry in Construction Project

Lunch following formal meeting