

## DVR Technology & Engineering Committee

Meeting 4 – Thursday, March 12th, 2015

9:00am

Topics: Construction/ Manufacturing Technology

Meeting took place at East Leyden High School

3400 Rose St.

Franklin Park, IL 60131

In Attendance:

Frank Holthouse, Greg Lindemann - Leyden, Ryan Venhorst- Oak Park River Forest, Brian Collier - Ridgewood

Updates/ Announcements:

At Ridgewood, Mr. Collier is Planning projects and reviewing curriculum for Geometry in Construction. The woods program recently purchased a new 22" surface planner from Powermatic, as well as 3 oscillating spindle sanders. Geometry in Construction is being offered next year. It is a yearlong class that is double period; one Math focused and one Tech focused.

Leyden is planning for a new metals lab at the West campus. We are hiring a new Industrial Tech teacher for the 2015-16 school year. The construction program has increased fieldtrips to local union shops. Classes have also used integrated CNC technology with the recent addition of a Shop Bot.

At Oak Park River Forest, Students are building a playhouse as an after school Geometry in Construction program pilot. Volunteer students from PLTW and, Woodworking and Geometry are currently working through this project.

Articulation:

At Oak Park River Forest, all Tech Ed teachers completed their dual credit application. Working with Antigone Sharris several classes have been aligned for Dual credit. Leyden is still exploring Dual credit opportunities. Our areas are waiting for any revision from the dual credit summit in March before creating an agreement. Two potential issues brought up have been allowing the same course to offer or not offer dual credit based on instructor qualifications. As well as a concern that students would lose the benefit of a foundational course that could have a negative impact on their educational performance. Teachers from Ridgewood are waiting for direction from their Department Chair.

Professional Development:

Mr. Lindemann attended a woodworking roundtable at Hampshire H.S. March 2<sup>nd</sup>. ITEEA's 77th Annual Conference in Milwaukee, WI is March 26- 28, 2015. Mr. Holthouse is presenting on leveraging 1:1 Technology in a CTE class. Several teachers are planning to attend AMPED June 23-27. One teacher is waiting on a Math counterpart. Ridgewood is planning on sending a business and math teacher.

Evaluate Local Labor Market:

Leyden has worked with several local unions to coordinate fieldtrips to Chicago Regional Council of Carpenters Apprentice, International Brotherhood of Electrical Workers, and Pipe Fitters. This has helped increase student's interest in pursue careers after high school. Brian Collier recommended contacting Contact Craig Triplet or Pat Sowers with the carpenters union Elk Grove Village. Leyden and Ridgewood have both had students recently pursue union position upon graduation.

#### Equipment needs:

Leyden would like to purchase a large planer for the Woods program. Ridgewood is looking at purchasing a CNC Shop Bot. Oak Park River Forest is looking into a Saw Stop tablesaw for Dado cuts.

#### Tour of Leyden's Facilities:

All members toured the Metals, Autos, Woods/Construction and Engineering Labs.

#### Sharing of Curriculum

Instructors discussed various aspects of Geometry in Construction and AMPED.