

DVR Industrial Technology Committee

Mid-Year Report 2011-2012

YEAR FOCUS: Pre-engineering programs, specifically PLTW and EbD

First meeting 10/28/11 – Topic: Drafting/Engineering

Meeting took place at luncheon during the ITEC conference in Normal, IL

In Attendance:

Steve Silca - Ridgewood

Nick Michalek – OPRF

Ryan VanHerst – OPRF

1. Discussion on implementation of Project Lead the Way courses at OPRF (PLTW)
 - a. OPRF has implemented 3-4 different PLTW courses. The courses are both introductory (Principles of Technology) as well as more advanced (Electronics Technology)
 - b. This is OPRF's second year with PLTW courses
 - c. PLTW courses have NOT reduced enrollment in other department courses
 - i. In fact, in 2 years, the department has gone from 1.8 FTE's to 2.6 FTE's.
 - d. OPRF still offers woodworking and drafting curriculums outside of the PLTW courses
2. Discussion of EbD curriculum
 - a. Steve Silca and Julia Wicklund from Ridgewood attended summer training in August to learn about the first class in the Ebd continuum, Foundations of Technology
 - b. Ridgewood will be implementing the curriculum for the 2012-2013 school year. The course is in the registration guide and will be promoted to the feeder school this school year.
 - c. This year is designated for ordering equipment, remodeling the classroom space for and EbD lab, and advertising to current students as well as incoming students.
 - d. The training was reported as engaging and very helpful to get the Ebd program up and running at RHS
3. Discussion of OPRF Industrial Technology area renovations
 - a. Due to a grant that OPRF will potentially receive for their child care facilities, OPRF Industrial Tech labs and shops may be moved/renovated
 - b. OPRF teachers shared hand sketches about the new layout and the impact on the program

- c. All present at the meeting shared their input and questions about the potential renovations
 - i. The renovations are still contingent on the grant approval
- 4. Discussion of Ridgewood STEM Corridor renovations
 - a. Ridgewood is currently planning a \$1 million renovation of the entire STEM wing
 - b. Will include an enlarged lab for EbD classes, and brand new CAD lab, an increased storage and display area
 - c. Ridgewood will continue all Tech Ed course offerings next year and offer the first course in the EbD sequence – Foundations of Technology

Second meeting 2/10/12 – Agenda

Topics: PLTW, EbD, Pre-Engineering Curriculums

AGENDA

- I. Discussion of Pre-Engineering programs at DVR schools
 - a. PLTW
 - b. EbD
 - c. Other engineering activities going on at schools?
- II. Current course offerings at DVR schools
- III. Future offerings (2012-2013 school year)
- IV. Facilities (Facility changes or specific needs to run a pre-engineering program)
- V. Review of Waterbotics program – how is it going at the schools?

Future Meetings:

3/9/12
4/20/12