

DVR Technology & Engineering Committee

Meeting 3 – Thursday, February 5th, 2015

8:00-11:00 am

Topics: Automotive Technology

Meeting took place at East Leyden High School

3400 Rose St.

Franklin Park, IL 60131

In Attendance:

Frank Holthouse, Jeff Clarke, and Joe Shilts - Leyden, Carl Fedeles, and Frank Bexes- Proviso, Nick Michalek Oak Park River Forest, and Robert Jaimes- Triton

Updates/ Announcements:

Proviso East has begun the National Automotive Technicians Education Foundation (NATEF) accreditation process. They are currently teaching Intro Autos and Advanced Autos and exploring a service environment class. It was noted that for students to meet the NATEF requirement they would need to take an automotive course all four years. Mr. Bexes also noted that he is utilizing methods learned in Geometry in Construction within Exploring Tech.

At Triton, Mr. Jaimes noted that there will be future certificate options in emerging technologies such as Compressed Natural Gas, and Hybrid vehicles. Electricity 1 became a prerequisite for Automotive Tech courses. Triton has been working to further develop a partnership with Audi. Finally more students are taking Automotive Service Department Management Degree (C247E) which is very similar to the automotive technology degree, just with an added focus of organizational leadership.

At Leyden there will be a new Metals lab at the West campus. This creates equality in offerings among the two campuses. Mr. Gray from Triton's Automotive Technology Department recently attend our Ask the Expert Day, where experts are invited into the classroom to help make career connections.

Articulation:

Based on input from their advisory board Proviso has created articulation agreements with SIU, College of DuPage, and Moraine Valley at this time. Since these partnerships have been in place donations of vehicles and equipment has increased.

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.

Evaluate Local Labor Market

Robert Jaimes noted that when he speaks with incoming students and their parents the perception of an automotive mechanic is placement at a dealership or small shop. However, most of the industry is made up of fleets of vehicles (for example FedEx, UPS, Coca-Cola).

Mr. Fedeles noted that he has had great success with students entering the field working at a tire shop. There are growth opportunities and the needed level of experience matches what students have learned so far. It

was also noted that Cooperative education has a profound impact on allowing students to gain industry experience. Mr. Michalek noted that he has been working the CTA which currently has over thirty openings.

Equipment needs

OPRF is looking into TPMS equipment, Proviso is exploring Pico scopes.

Tour of Leyden's Facilities:

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

Sharing of Curriculum

Instructors discussed various pieces of software used with students (All Data, Auto Upkeep, Identifix, and Electude). Other great resources include the Illinois College Automotive Instructors Association (ICAIA) which has an upcoming meeting March 19th, and 20th at Morton College. Finally author Jim Halderman has number of NATEF aligned resources freely available on his website.