

# MACOMB COUNTY CTE ADVISORY COMMITTEE MEETING MINUTES

OCTOBER 27, 2010

Macomb Intermediate School District

## ENGINEERING / MANUFACTURING AND INDUSTRIAL TECHNOLOGY PATHWAY

### Transportation, Distribution & Logistics

**47.0603 Collision Repair Technician (NATEF Certified)**

**47.0604 Automotive Technician (NATEF Certified)**

#### COMMITTEE MEMBERS PRESENT:

Dan Campbell	Anchor Bay High School	<a href="mailto:dcampbell@abs.misd.net">dcampbell@abs.misd.net</a>
Mark Goscienski	Armada High School	<a href="mailto:mgosciewski@armadaschools.org">mgosciewski@armadaschools.org</a>
Richard Sheats	Auto Coatings Consultant	
David Bauerle	BorgWarner Automotive	<a href="mailto:dbauerle@borgwarner.com">dbauerle@borgwarner.com</a>
Andy Boone	Ford Motor Co.	<a href="mailto:blueoboone@yahoo.com">blueoboone@yahoo.com</a>
Greg Gusik	KG Marine	<a href="mailto:kgmarine@wowway.com">kgmarine@wowway.com</a>
Ken Kramer	L'Anse Creuse F.V. Pankow Center	<a href="mailto:kramke@lc-ps.org">kramke@lc-ps.org</a>
Kevin Mappleback	L'Anse Creuse F.V. Pankow Center	<a href="mailto:mapplke@lc-ps.org">mapplke@lc-ps.org</a>
Rich Stumpf	L'Anse Creuse F.V. Pankow Center	<a href="mailto:stumri@lc-ps.org">stumri@lc-ps.org</a>
Greg Isham	Moran Chevrolet	

Gene Smentowki	NAPA Chesterfield	
Clarence Milton	New Haven High School	<a href="mailto:cmilton@nhav.misd.net">cmilton@nhav.misd.net</a>
Nick Stevens	Romeo High School	<a href="mailto:nsteven15@yahoo.com">nsteven15@yahoo.com</a>
Paul Tregembo	Roseville High School	<a href="mailto:ptregembopajr@roseville.k12.mi.us">ptregembopajr@roseville.k12.mi.us</a>
Chris Schwartz	Russ Milne Ford	<a href="mailto:t74rider@yahoo.com">t74rider@yahoo.com</a>
Nate Barton	South Lake High School	<a href="mailto:nbarton@solake.org">nbarton@solake.org</a>
Julie Barton	South Lake High School	<a href="mailto:bartonj@aktpcertess.com">bartonj@aktpcertess.com</a>
Toni Kasander	South Lake Schools	<a href="mailto:tkasander@solake.org">tkasander@solake.org</a>
Jonathon Bauerle	Student - Anchor Bay High School	<a href="mailto:dbauerle@borgwarner.com">dbauerle@borgwarner.com</a>
Austin Gosik	Student - L.C. - F.V. Pankow Center	<a href="mailto:austin.third88@gmail.com">austin.third88@gmail.com</a>
Tom Pieprzyk	Warren Cousino High School	<a href="mailto:pieprzyk@wcskids.net">pieprzyk@wcskids.net</a>

**New Business:** The evening began with Guest Keynote Speaker Kim Meltzer, State Representative for the 33<sup>rd</sup> District of Macomb County and Entrepreneur / co-owner of CAMmand Machining LLC, Romeo, Michigan.

She presented her "optimistic" view for all careers and pathways around Macomb County keeping in mind that she is coming from what all consider the most difficult career or pathway to recover from, Manufacturing. Dinner was served after her keynote address followed by our breakout session.

**Breakout Session:**

<b>Welcome:</b>	<b>Facilitator:</b>	<b>Mark Gosciewski</b>
<b>Meeting Called to Order:</b>	<b>Chairperson:</b>	<b>Gene Smentowski</b>
<b>Introductions:</b>	<b>Scribe:</b>	<b>Julie Barton</b>
<b>Round table introductions by all present</b>		

## 1. **Business Partner Question:**

### **A. How have “Renewable Energy” issues (Sustainable and / or Green Technology) impacted your business endeavors?**

#### ***Response:***

- Working with chemicals; trying to dispose environmentally friendly; try using water-based cleaners instead of solvent-based products, but they evaporate and don't work as well (general consensus)
- Hybrid training classes; hybrid tools/technology; seminars - as instructors hard to get into classes; they are during work hours, weekends, too time consuming; expensive to get into hybrid technology; there is more technology available, but instructors/teachers need to be trained on everything first; hard to show students new technologies when it is so expensive, don't have tools, there is so much other basic information that students need to know, there isn't time to delve into new, green/renewable technology at the high school level (general consensus)

### **B. How do you believe our secondary school curricula should address those issues?**

#### ***Response:***

- Secondary education is only a building block for post-secondary education; the way things are run, it is too hard to switch curriculum over to renewable/green programs; students obtain college credit for our high school programs (general consensus)
- NATEF dictates what we teach; let NATEF set the standards and we will teach it; NATEF is incorporating renewable/green technologies into their standards as the technologies are developed - at levels applicable to high-school level students (general consensus)
- Schools cannot afford to convert to renewable/green programs; not to mention the liability issues working with electrical systems; teachers and company representatives are not even fully trained on the new technologies - it's too new (general consensus)
- Even with hybrid technology, students still need to know the basics, especially electrical systems
- May be best to have a renewable energy program that is separate from all other programs; make it a science-based curriculum and have automotive technology provide support – don't just dump it into the automotive program; equipment (i.e., gloves) are time-sensitive and must be disposed in three months, whether or not they have been opened/used. This is a very costly prospect that most districts are not able to provide and move toward. (individual idea, received general consensus)

## 2. Post-Secondary (if Present):

**What can our secondary programs do to provide a better connection to post-secondary programs ?**

**Response:** No post-secondary representatives were present; however, other members provided response below.

- Have representatives from the industries come to automotive classes as guest speakers
- It is so different to go from reading/book work to hands-on actual automobile repair
- A major issue is placing kids into co-op/job opportunity programs; usually, programs have well-trained, well-suited students, but due to insurance and liability issues, are not able to participate in an automotive internship/job/co-op, etc.
- Students can be state-certified auto mechanics in Michigan at the age of 14, but they cannot get an internship/co-op position. Most kids will not job-shadow or co-op without **being paid**. Too hard to get the kids to participate voluntarily.

## 3. Discretionary Question or Discussion:

- Readiness for hybrids, is not there
- An industry example is regulations dictating volatile organic compounds (VOCs) in paints; due to laws and regulations, industries were forced to change; however, not long after, new low-VOC paints were developed that contained lower solvent levels than water-based paints. The technology is going backwards to the regulations. (industry representative example)
- Schools have been eliminating career-specific counseling positions; what if the MISD coordinated the co-op programs for all Macomb County schools so the individual teachers and schools do not have another thing to add to their list of responsibilities? It would be easier if there was one point-of-contact who is aware of the available positions and can coordinate based on geographic regions to the available students. (individual idea, general consensus)
- Counselors should stop dumping "difficult" students in the automotive programs; it seems counselors have a student other teachers may not want and just put them in the auto shop because there is space and/or a two-hour block. The equipment in the automotive shops is expensive and has to be used safely; it is distracting and counter-productive to dump the behavior issues in the auto classes (general consensus)

- Enough about the MME and AYP. (general consensus)
- It is not the teacher's job to teach life-skills, but we are spending a lot of time on it.
- Kids get to the high school automotive classes and don't know basic math skills.

**Meeting Adjourned: 8:00 pm**

**Respectfully Submitted, Scribe: Julie Barton**

**MAKE PLANS NOW !!!**

**Next Regional Meeting MISD**

**OCTOBER 19, 2011**

Time TBA