

PROGRAM COMMITTEE NAME:		Automotive Technology Advisory Committee			
CHAIRPERSON:	Jay Barrett				
MEETING DATE:	11/02/17	MEETING TIME:	12am -- 1:30pm	MEETING PLACE:	Amarillo College East Campus, TCC 116
RECORDER:	Rebecca Archer		PREVIOUS MEETING:	11/09/16	
COMMITTEE MEMBERS					
List all members of the committee, then place an X in the box left of name of those present					
NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL	
Jay Barrett	Principal / Board of Regents	AACAL / Amarillo College	806-236-0681	jay.barrett@amaisd.org	
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Krystal Holder		Bell Helicopter		kholder@bh.com	
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X Matthew Kunkel	Branch Manager	Cummins Southern Plains	(800) 548-3911	matthew.l.kunkel@cummins.com	
Tim Maloy		Cummins Southern Plains	(800)548-3911	tim.maloy@cummins.com	
Wayne Pierson	Branch Manager	Cummins Southern Plains	(800) 548-3911	wayne.pierson@cummins.com	
Lenny Sadler	CEO	Ditch Witch Undercon	(806) 659-5090	lsadler@wundercon.com	
Robert Drury	Owner	Drury Body Shop	(806) 3588134	info@drurybodyshop.com	
X Perry York	Manager	English Color	(806) 670-3875	pyork@englishcolor.com	
Trevor Cain	Account Manager	Finishmaster	(806) 236-0171	trevorcain@yahoo.com	
Mike Kirscht	Claims Adjuster	Geico Insurance			

COMMITTEE MEMBERS Continued

List all members of the committee, then place an X in the box left of name of those present

NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL
Kyle Higgs	Painter	Gene Messer Ford	(806) 355-7471	khiggs@genemesser.com
Rudy Ibarra	Parts and Service Manager	Gene Messer Ford	806-355-7471	ribarra@genemesser.com
Doug Van Noy	Body Shop Manager	Gene Messer Ford	(806) 335-7471	gvannoy@genemesser.com
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COMMITTEE MEMBERS Continued

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NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL
Jeff Young	Shop Foreman	Texas Panhandle Centers	806-570-0401	jlyoung1123@hotmail.com
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Brad Western	Service Manager	Yellowhouse – John Deere		bwestern@yellowhouse.us
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X Derek Lyon	Diesel Faculty	Amarillo College	806-335-4374	dalyon@actx.edu
X Megan Elknier	Dean of Technical Education	Amarillo College	806-335-4352	meelknier@actx.edu
X Frank Sobey	AVPAA	Amarillo College	806-371-5472	fesobey@actx.edu
X Rebecca Archer	Transportation Programs Secretary	Amarillo College	806-335-4211	rcarcher@actx.edu

Advisory Committee Meeting Minutes

Brian gave an overview of the current curriculum for the Automotive/Auto Collision/Diesel programs. He explained that in 2014 our Technical Education Core was added to all curriculum to help remediate the problem of new hires not being able to write, or understand math as it relates to their positions. The Technical Education Core is as follows:

- AUMT 1305 – Introduction to Automotive
- ELPT 1311 – Basic Electrical
- ETWR 1302 – Introduction to Technical Writing
- INMT 1305 – Introduction to Industrial Maintenance
- MCHN 1343 – Machine Shop Math
-

Brian went on to explain that since we added the core, we have had a steady decline in the number of our students in our programs. While there are many factors in this decline, we feel like one of the main factors was the fact that students coming into these fields want to go immediately into the shop and start learning. They don't want to waste a semester doing math, writing etc., and never seeing shop time. A large number of our students were unsuccessful in the CORE classes and dropped out. There were many factors that added to this lack of success. A huge factor was the fact that a large percentage of our new students were not TSI complete. Meaning that they were not college ready in one or more areas of Math, Reading and Writing. To combat this, we have started tutoring, and classes to help our students elevate their TSI scores and become TSI complete before entering our programs. This has already shown promising outcomes for our students. In fact, Brian said that because of this fact alone, we are seeing less need for remediation in our classes and our faculty is able to teach to a higher level due to their comprehension. Brian presented the idea of a curriculum change to take out the CORE and replace it with similar classes that would strengthen the soft skills demanded by industry while also introducing the students to the shop and other subjects pertinent to their career choice. The proposed changes were as follows:

Current Course

AUMT 1305 – Introduction to Automotive
ELPT 1311 – Basic Electrical
MCHN 1343 – Machine Shop Math
INMT 1305 – Introduction to Industrial Maintenance
ETWR 1302 – Introduction to Technical Writing

Proposed Course

AUMT 1305 – Introduction to Automotive
AUMT 1307 – Automotive Electrical Systems
MCHN 1320 – Precision Measuring Tools
AUMT 1319 – Engine Repair
AUMT 1391 – Special Topic – ASE Prep
OR
DEMR 1323 – Intro to HVAC
OR
ABDR 1327 – Suspension Systems

Mathew Kunkel from Cummins and Keith Martin from Bruckner's wanted to know what the course content was for the AUMT 1391 and the ABDR 1327 classes proposed. There was some concern about the ASE Prep class being given at the beginning of the degree plan because students would not have any of their automotive or diesel classes before then.

It was decided that the ASE Prep was not a course on a specific ASE exam, rather how to "think" and prepare for the exam. Industry agreed that this skill would be beneficial throughout the students time in college as well as when they entered the workforce.

In the course of the discussion we discovered that WECM had discontinued the ABDR 1327 course but found a 2 credit hour AUMT course that had the content that industry was looking for, namely AUMT 1213 – Automotive Suspension and Steering Systems Theory.

Advisory Committee Meeting Minutes

The content is as follows:

Course Level: Introductory

Course Description: A study of automotive suspension and steering systems including the theory of wheel and tire construction and alignment angles and procedures.

End-of-Course Outcomes: Explain function and diagnostic procedures of suspension system components; explain tire and wheel construction; and identify reasons for tire wear and alignment angles.

Industry decided that they would like to see both the Steering/Suspension course as well as the ASE Prep course offered. This could be done by changing the Special Topics class to a 1 contact hour class. (AUMT 1191).

The consensus was that we remove the current TE Core and replace them with the following 6 classes:

Proposed Course

AUMT 1305 – Introduction to Automotive

AUMT 1307 – Automotive Electrical Systems

MCHN 1320 – Precision Measuring Tools

AUMT 1319 – Engine Repair

AUMT 1213 – Automotive Suspension and Steering Systems Theory

AUMT 1191 – Special Topic – ASE Prep (focused on learning styles and prep for G-1 Maintenance and Light Repair)

Another suggestion is that we offer the ASE Prep course at the end of the semester.

It was noted that Megan Eikner worked with the Amarillo College Foundation to reimburse all Tech Ed students for any credentialing exams they pass in their field of study. This is encouraging for our students and when the earn certifications, a huge confidence boost for them as well, not to mention the fact that employers will look at applicants with certifications, before any others.

Industry said that the one change we have made in the past that made the biggest impact was the implementation of our Professional Code of Conduct.

Karyn Pierce with AISD spoke about early exposure to the technical programs. Megan Eikner agreed with the importance of High School age being exposed, and added that we are taking that even farther with Kid's College technical classes to extend the exposure to Middle School and Elementary age kids.

Approver Signature:



Date:

11/8/17

Next Meeting: TBD