

Advisory Committee Meeting Minutes

Program Committee Name: Welding Technology Program				
Chairperson:				
Meeting Date: 9-Jun-16	Meeting Time: 3:00 p.m.	Meeting Place:	East Campus - Manufacturing Education Center, Room 104	
Recorder: Debra Russell	Previous Meeting:		3-Nov-11	
COMMITTEE MEMBERS				
List all members of the committee, then place an X in the box left of name if present				
NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL
X Garrett Jenkins	Transfer Station Foreman	City of Amarillo	(806) 378-6814	
Wayne Johnson	Supervisor	Excel Machinery	(806) 335-9017	wjohnson@excelmach.com
X Kevin Kennedy	Account Manager	Westair/Praxair	(806) 678-3103	kevin.kennedy@praxair.com
Kevin Maxey	Welding Program Engineer	CNS - Pantex	(806) 477-6744	kevin.maxey@cns.doe.gov
X Kenneth McCall	Field Maintenance Foreman	City of Amarillo, Water Transmissions	(806) 378-3019	kenneth.mccoll@amarillo.gov
X Gil Molina	Design and Drafting	TEEMS Manufacturing	(806) 379-6904	drafting@teemsmfg.com
X John Mulhall	Plant Manager	GRI (Gestamp Windsteel USA)	(806) 376-3129	john.mulhall@gri.com.es
Bobby Nemode	Foreman	Excel Machinery	(806) 335-9017	bnemode@excelmach.com
X Matt Podzemny	Project Engineer	TEEMS Manufacturing	(806) 379-6904	matt.podzemny@teemsmfg.com
X Matt Smart	Sales Manager	B & J Welding Supply	(806) 418-2433	msmart@bjweldingsupply.com
X Clay Thiele	Welding Program Engineer	CNS - Pantex	(806) 477-6744	clay.thiele@cns.doe.gov
X Michael Venzor	Foreman	Sage Oil Vac	(806) 372-7559 x101	michaelvenzor@sageoilvac.com
Karen Yates	HR Supervisor	Progress Rail Services	(806) 335-3900	kyates@progressrail.com
EX-OFFICIO'S PRESENT				
X Larrie Black	Instructor, Welding Technology	Amarillo College	(806) 335-4310	j0124382@actx.edu
X Jimmy Bradshaw	Instructor, Welding Technology	Amarillo College	(806) 335-4364	jdbradshaw@actx.edu
X Megan Eikner	Dean, Technical Education	Amarillo College	(806) 335-4352	meekner@actx.edu
X Dr. Kim Hays	Chair, Manufacturing Tech Dept	Amarillo College	(806) 335-4366	kthays@actx.edu
X Debra Russell	Sr. Secretary, Mfg Tech Dept	Amarillo College	(806) 335-4390	dlrussell@actx.edu
X Jeff Wallick	Coordinator, Technical Trng	Amarillo College	(806) 335-4228	jwallick@actx.edu

AGENDA ITEM		ACTION DISCUSSION INFORMATION	RESPONSIBILITY
Old Business:		No old business	
Continuing Business:		No continuing business	
New Business:			
Welcome / Introductions			
Curriculum Decisions:			Jimmy Bradshaw
Program Curriculum & Status			Larrie Black and Dr. Kim Hays
Other:			
Open Discussion			
KEY DISCUSSION POINTS		DISCUSSION	
Old Business:		No old business	
Continuing Business:		No continuing business	
New Business:			
Welcome / Introductions		Clay Thiele opened the meeting with a welcome. After introductions, Kim Hays thanked everyone for coming and explained the importance of the meeting since this is a newly formed committee.	
Program Curriculum and Status		Dr. Hays pointed out the new curriculum found in member's packets. Welding, Machining and Nondestructive Testing are being formed as the new Precision Metalworking program because all three occupations share the same state funding code. A new basic certificate is being used as a "core" for the program. Classes included are: Introduction to Technical Writing, Machine Shop Mathematics, Introduction to Industrial Maintenance, Blueprint Reading and Sketching and Introduction to Welding Using Multiple Processes. Three of the classes are common to every program on the Technical Education campus. The introductory welding class will be added to introduce students to the welding career field so they can get an idea of what career they have chosen. Hopefully, by students taking the introductory class, they will be more committed before they spend additional money for tool costs. From the basic certificate, students have the option to take the Advanced Welding Certificate and then build to an Associate degree if they want.	

Program Curriculum and Status	Instructors, Jimmy Bradshaw and Larrie Black, went through the different skills that are taught in the program and asked where any shortfalls might be. More grinding is needed. Dr. Hays explained that students are taught to A.W.S. (American Welding Society) D1.1 welding standards, but hours have been cut in the program and there is not enough time for the program to be project-driven. Dr. Hays reported on the accelerated program. Legislation has forced state funding to be determined by program completers with the idea that students need to get out of college faster. This idea has pushed the Welding program to be an accelerated program, with classes scheduled from 8:00 a.m. to 5:00 p.m., Monday through Friday. This day program can be finished within six to seven months. A new night program is planned for the Fall 2016 semester, where students will attend 6:00 p.m. to 10:00 p.m., Monday through Thursday. Each group of students, (termed a "cohort") all begin at the same time, go through all the same classes together and end at the same time. There is a long waiting list with just 20 positions in the classes. Top students who are college-ready will be picked.
Open Discussion	There was some discussion about the students that come to the Welding program. Dr. Hays explained that most students just want to come in and learn to "burn rod" and don't want to have to learn soft skills like math or technical writing. Sometimes it is hard to keep the students motivated to learn what they need to learn to be successful. Larrie suggested that maybe some of the industry partners could come to talk to the students on the first day of class and let students know what they are looking for in an employee as that may prompt the students to be more motivated in their classes. There was quite a bit of discussion about what was taught in the classes. Safety is stressed very heavily and students are required to pass a safety test that is based on the ANSI Z49 standards before they are allowed in the Welding shop. It was asked if there was anything to emphasize that was missing from what the students were learning. Most members agreed that knowing how to layout projects was the most important thing that students needed. How to control machines and how to prep metal were also mentioned. Clay Thiele asked if soldering and brazing were taught? Larrie said it is not taught as much as it could be because of time, but he would try to add more to the classes. Students are learning welding code by content added to the different classes. AWS forms are used and some Code 1104 and ASME is mentioned but structural code is the focus.

Open Discussion	Dr. Hays said input is always wanted. Members can call or email. Maybe the students can come to tour the businesses if there are projects that would be a good opportunity for the students to see. There was some discussion about the cost of supplies for this program. Many members suggested that they could help by donation of scrap metal and/or supplies. Michael Venzor said Sage Oil Vac might could participate in job shadowing. They currently have two of the Welding graduates working for their company. Matt Podzemny said that four of his five welders came from the Welding program. Larrie suggested that maybe students could serve an internship with industry partners. It might give the students an incentive and/or reinforce what they are training for. This also gives the employer a way to check out future employees. Motion was made to adjourn the meeting and members toured the Welding shop.
Recorder Signature: <i>Debra L. Russell</i>	Date: June 9, 2016 Next Meeting: Tentatively Spring 2017