

Advisory Committee Meeting Minutes

PROGRAM COMMITTEE NAME:	Machining Technology Program		
CHAIRPERSON:	John Cunningham		
MEETING DATE:	17-Nov-15	MEETING TIME:	2:00 p.m.
MEETING PLACE:	East Campus - Manufacturing Education Center, Room 104		
RECORDER:	Debra Russell	PREVIOUS MEETING:	10-Mar-15

COMMITTEE MEMBERS

List all members of the committee, then place an X in the box left of name if present					
<input type="checkbox"/>	NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL
<input type="checkbox"/>	Kenneth Ballez	Machinist	CDS Industrial	(806) 372-8930	waterjet@cdsindustrial.com
<input checked="" type="checkbox"/>	John Cunningham	Production Manager	Amarillo Gear Co.	(806) 676-9131	jcunningham@amarillogear.com
<input checked="" type="checkbox"/>	LeAnn Estep	Director, Career & Technical	Amarillo ISD	(806) 326-1319	leann.estep@amaisd.org
<input checked="" type="checkbox"/>	David Gibson	Instructor	Amarillo ISD - Caprock High School	(806) 326-7934	david.gibson@amaisd.org
<input checked="" type="checkbox"/>	Chad Henderson	Machine Shop Supervisor	ASARCO, LLC	(806) 468-4004	chenderson@asarco.com
<input checked="" type="checkbox"/>	John Herrera	Craft Supervisor	Pantex	(806) 477-3413	jherrera@pantex.com
<input checked="" type="checkbox"/>	Shelby Sumpter	Territory Productivity Engineer	Sandvik Coromant Co.	(806) 500-5382	shelby.sumpter@sandvik.com
<input type="checkbox"/>	Greg Hudspeth	Vice President	City Machine	(806) 358-7293	ghudspeth@cmwelding.com
<input type="checkbox"/>	Chris Kerbo	Manager	Titan Specialties	(806) 665-3781	ckerbo@titanspecialties.com
<input checked="" type="checkbox"/>	John Mitchell	Machining & Welding Supervisor	TASCO	(806) 335-2301	john-mitchell@tyson.com
<input type="checkbox"/>	Jarred Morland	General Manager	CDS Industrial	(806) 372-8930	jaredm@cdsindustrial.com
<input checked="" type="checkbox"/>	Ronnie Nemoede	Machinist	City Machine	(806) 358-7295	ronnie@cmwelding.com
<input type="checkbox"/>	Chris Swenson	CEO	Swenson Machine	(806) 622-2730	chrisswenson@suddenlinkmail.com

EX-OFFICIO'S PRESENT

<input checked="" type="checkbox"/>	Marissa Cochran	DOL Grant	Amarillo College	(806) 584-4118	mmcochran@actx.edu
<input checked="" type="checkbox"/>	Robert Gustin	Instructor, Machining Technologies	Amarillo College	(806) 335-4332	rigustin@actx.edu
<input checked="" type="checkbox"/>	Dr. Kim Hays	Chair, Manufacturing Tech Dept	Amarillo College	(806) 335-4366	khays@actx.edu
<input checked="" type="checkbox"/>	Janice Johnston	DOL Grant	Amarillo College	(806) 467-3110	jmjohnston31@actx.edu
<input checked="" type="checkbox"/>	Debra Russell	Sr. Secretary, Mfg Tech Dept	Amarillo College	(806) 335-4390	dirussell@actx.edu
<input checked="" type="checkbox"/>	Jerry Terry	Coordinator, Technical Core	Amarillo College	(806) 335-4280	jterry@actx.edu
<input checked="" type="checkbox"/>	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		John Cunningham
Curriculum Decisions:		
Program Status		Bob Gustin / Dr. Kim Hays
Other:		
DOL Survey		Janice Johnston
Open Discussion		
KEY DISCUSSION POINTS		DISCUSSION
Old Business:	No old business	
Continuing Business:	No continuing business	
New Business:		
Welcome / Introductions	John Cunningham opened the meeting with a welcome. Bob Gustin thanked everyone for coming and explained the importance of Advisory Committee meetings to NIMS. Amarillo College is only the second college in the State of Texas to be NIMS accredited and having the meetings are a key role in keeping that accreditation.	

Bob told everyone that as of April 8, 2014, the Machining Technology program received its national accreditation by NIMS (National Institute of Metalworking Skills). The accreditation must be renewed every five years by passing a one-day onsite visit by representatives from NIMS.

Bob explained that the Machining curriculum has not changed since the last committee meeting in March, but the ending focus for the students is NIMS Level I credentials. Bob's plan is to have each student to graduate with four Level I certificates. He passed out drawings for each project. When students make the NIMS projects, they are first graded by Bob and then each project has to also be sent out to two industry partners to be graded. Each industry partner has to visually inspect each student's part as well as sign an affidavit that the part has passed that inspection. If the part has successfully passed, notice is sent to NIMS and then students are allowed to take an online test on the NIMS website. John Cunningham said that he has personally graded several of the projects and the students are getting the quality instruction needed to make the parts they are.

Curriculum Decisions:
Program Status

The Machining program has acquired some new equipment and installed new electricians on some of the existing equipment. There are now additional pieces for cylindrical grinding and tool & cutter grinding. Bob told that the students learn manual machining as well as some CNC (computer numerical control). Students must know manual machining well before they can get into CNC. During classes, for each project they make, students get the blueprint with a set of questions. The questions make them think about setup of the part (measurements, math, speeds and feeds, tolerances) and they are required to answer all questions correctly before they can start on the part.

Enrollment is down a little, but there are about eight Machining students at different levels. Three will graduate in December, some are new to machining classes this semester and some are just starting in the core. Bob introduced Mr. Jerry Terry as the coordinator of the Technical Core. The core classes are common to most technical programs on the East campus and are where students get instruction for math, technical communications, an introduction class for layout and an electrical class. The current plan is to replace the core electrical class with another Machining class. Students are now required to supply their own tools. Kits are available through the Amarillo College Bookstore. Semesters are on an 8-wk block.

DOL Survey

Janice Johnston gave each member a survey to complete. They are for a grant sponsored by the Department of Labor. The focus of the grant was to enhance or redesign curriculum so that it would allow for an accelerated time period. The idea is that students could get a shortened certificate, find employment and then come back for an advanced award. The survey is a follow up to an initial focus group that began at the first of the grant in 2013. The grant is now in its last year. Feedback from the survey will be compiled by an outside entity and used to see how effective curriculum changes have been on producing the students that industry is pleased with.

	<p>Most of the members agreed that because of the economy, business is slow.</p> <p>There was an inquiry to members who had hired any of the Machining students, if there was anything that needed to be focused on as what they are learning in classes? All agreed that experience is the main item that the students would be lacking.</p> <p>There was some discussion about Six Sigma and quality control. Most members agreed that the machinist/operator is becoming more involved in quality control, but it is more of an administrative/engineer/journeyman level task.</p> <p>There was some discussion about the Machining program at Caprock High School. There is an entry level course and an advanced level course. The advanced students have been coming to the East Campus Machining program to use the equipment. There was also some discussion about House Bill V and how it is restructuring the classes that are taught in high schools based upon career clusters and the plan of study that each child selects.</p> <p>Open Discussion</p> <p>Jeff Wallick mentioned that he is making a recruiting video with clips of every program out here on the East Campus. There was also some discussion about ideas that Jeff could use when he is out recruiting. It was mentioned that the machining trade is very high in demand but most do not know about it.</p> <p>Bob explained that he is working on teaching soft-skills and getting students to understand the importance of being to work on time, having good work ethics, always wearing their uniform and safety glasses, etc... Bob said the students are entry-level when they complete the program so that the different companies can then teach them the advanced skills required for their particular business.</p> <p>There was some discussion about how or where the industry partners learned the math necessary to do machining. All members agreed that they learned math for machining by hands-on application. Dr. Hays explained that many students have the problem of transitioning the skills they learn in the classroom and being able to apply them to the lab. The East Campus is planning to change the math class to make it more of an "applied" math that requires more lab time. All advisory members were in agreement of this plan.</p>	
<p>Recorder Signature: <i>Debra J. Russell</i></p>	<p>Date: November 17, 2015</p>	<p>Next Meeting: Tentatively April 2016.</p>