

College of the Canyons
Welding Advisory Committee Meeting
March 23, 2016 6:00-7:30 UCEN-223

Meeting Began: 6:05 p.m
Meeting adjourned: 7:30 p.m.
Meeting Minutes taken by Lynn Arndt

Attendees:

Welcome/Introductions: ALL

Minutes approved

Status of COC Welding Tech Program: 16 sections filled in spring, 300% increased in associates agrees last spring but not as high this semester. No course cancellations. Laser welding moving forward and pipe welding, work to do in robotics, laser and realigning our curriculum on how they want to build their associates degree. Lower unit completion, 16.5 units includes core classes, 7.5 units, 3 classes and electives to add up to the 16.5. Robotics & laser and meet requirement for certificate of achievement and associates degree, early success and build on it. TIG welding, beginning and advanced. Need a more broad based. Demand in aerospace industry. Tim met with Senior Aerospace and they have a need for 10 welders right away. Reached out to us and want to work towards. John M. - training incumbent workers and new hires, waiting to hear back if there are any questions on the proposal. Model that we can potentially help other companies. Out of a 3 course program, cannot weld titanium but the company will need to provide continuing education. Specialize program and aerospace, construction, pipe welding that have specific skill sets. Give them entry level skills, currently there is a gap. Student will self select their courses needed to ensure they are aligned with the skills needed. Eric Frei - pass razorback test and a full bead around aluminum can,

participated in College 2 Career day, most successful, roadshows trailer was there. Over 100 2 classes in winter session bot filled. Metal fabrication class Jeryl Walter didn't want to teach inspiring so had to cancel class. Tim will be handling the 09 class in fall. Eric Arnold running 2 classes in pitches detention center 101A & 101B. Weld 101C class can be taken once they are real eased. Transition of Career Pathways from there to here. Budget augmentation, supplies to 15,000, addition 6K in repair money. One time money for adult-hourly funding. College assistant helping out with additional welding stations to put together, won't be around for fall.

NSF Funded Advanced Manufacturing Processing:

3rd year of this grant, no cost extension (didn't spend all the money allocated to us) planning for next year.

Manufacturing Day - Joe Klocko, Jeremy did filming in our welding area, keynote speaker. Will be in May.

NBT Camp - 17 students built call passable shovel, light machining, Jul 18th, 10 days

Summer INstitute Camp - running

2 mfg classes - don't have 2 year assoc degree. We were suppose to accomplish this. Offer in metal fab, basic manual machine, Segway to go to ADI rebuild our assoc degree program.

Potief is working on curriculum.

Contextual i.e. Math courses, some Hart School District math instructors

Creating a workbook with Simon Engle, 3 level laser welding curriculum. He's working with 3 other colleges, one for HS, one for Community College and one for Universities.

Career Pathways Trust Grant: Tom Vessella

Hart District has a 5.5 million dollar to establish 4 career pathways, ends June 2019, admin of justice, manufacturing, computer networking and. High school courses that lead to COC giving them dual enrollment. Allowing them to obtain a degree. Fabrication mfg, at Saugus HS in fall. Welding at Canyon HS...starting from scratch. Working on development, 2 years until this will be available. Articulation courses, sequences of 3 courses that will lead into ours. Metal Fab and welding, once Manufacturing. Purchasing welding equipment for the high schools now. Add more equipment here at COC now. Tim - relationship with Hart School District come and go but now it's in a more state of the art. Tom is a huge advocate to make this happen. We want to create a seamless process, did a virtual versus welding. Enclosed overhang to do welding outside and inside. Architects have put together plans. Biggest issue is finding the right instructor who is competent. Canyon High school used to have 5-6 of these type of programs. Marianne Doyle is to create a curriculum that flows into ours. Facility issue First class target a date is a year out.

Bond Measure: John Milburn

Approved to have this placed on the June 2016 ballot for SCV. 230 million & if successful will help COC build CCC campus out (80%) including CTE facilities (mfg and weld together in one building) parking garage, 1000 spaces, Valencia and Rockwell where marquis is currently. Modernize several older buildings here on Valencia campus. Allow COC to access matching funds from the state that would go to other states or communities instead of us. Executive committee saw information and put on local chamber of commerce meeting and it was approved last week. Received 3 local approvals. Cost \$15 per 1000 of assessed value for homes as far as increased taxes for 10 years.

Facility Update: Tim Baber

Open lab and increase enrollment, this year was difficult. Students can come in on certain days and it's supervised that they can practice and enhance their skills. Low cost. Difficult because students are hit will several expenses in the beginning, after a couple weeks they realize they need the practice.

John M - Lincoln Electric overview, COC becoming a vendor training site for robotic welders. Currently you can receive their training in Cleveland if you buy their machines for people on the west coast. Still in negotiations stage of how this works and what's in it for COC. Need to enhance our relationship with them, they are good partners but like to see. This will draw local business to attend, utilities technology because they don't know how to use the equipment. Technology is outpacing our ability to know how to use it.

Tim - Lincoln has realized that competitors have more local training sites that they don't have. Robotic systems is high sales. Certified Robotic testing AWS testing facility, only 4-5 in U,S, nothing on the west coast.

two year project to add welding booths, we need transition in what to offer students. We have 12 welding booths created in house, have all the equipment funded by several funds. Can do any process, hooked up the Internet, weld score, weld sequencing, on/off log in to system. We can use this information as an assessment tool.

Boy Scouts of America for 3 years, 11 refurbished machines, gloves, helmets. Ran 4 events last year but this year we are going to have 6 in 2016.

COC recognized as Community Organization of the year by Ca. State Legislature.

OPEN DISCUSSION:

Eric, shineola high end leather watches and purses in Michigan. Is there a skills gap or values gap we are trying to address. Hire older generation who has the skills as instructors and they will train the next generation the skills to do as an internship. It's not going to happen in schools anymore but train in the workforce.

Lloyd - how many students change their major compared to the 1980s, 5 times, used to be 2.5 in 1981.

Marcos - tech driven nowadays compared to the 80's.

Apprenticeships stopped in 80-90s, David reinstated it. First time prints metal trades apprenticeship will be open to the public. Available the next 4-6 months. Sheet metal workers, fabricator. Training program with IVW. Machinist Program. JPL, technician training program, no good candidates yet. Ryan, NBC Universal, open call for hiring process but unsure of internships

Tom - LEA to work on creating an apprenticeship programs here at COC.

Other Activities/Opportunities

Adjourned: 7:27