



Welding Technology Advisory Board

May 17, 2017

6:00 pm

Las Positas College, Room #1643

Minutes (DRAFT)

A. Welcome and Introductions

Vicki Shipman called the meeting of the Welding Advisory Board to order at 6:17 pm

Present: **Steven Jones**—LPC student and Mike Maier, Inc.; **Vicki Shipman**—Las Positas College; **Caryl Shill**—Las Positas College; **Kerry Shatel**—PG&E; **Scott Miner**—Las Positas College; **Don Carlson**—Las Positas College; **Deborah Mann**—Consultant Las Positas College; **Bill Johnson**—Las Positas Collge and Turner Construction Company; **Joe McNealy**—Livermore High School; **Ed Woodworth**—Tri-Valley ROP

Unable to attend: **Dan Danner**—Granada High School; **Mark Harrill**—Allianz Welding Supply; **Todd Stinn**—Las Positas College; **Raul Poblete**—Carpenter Training Committee; **Patrick Pickerill**—Peridot Precision Manufacturing **Ian Able**—Mobil Mini; **Balbir Gakhal**—Las Positas College; **Neil Carey**—Las Positas College;

B. Approval of Prior Meeting Minutes

Corrections: wrong spelling of Don Danner's name

MSC: Scott Miner/Don Carlson

Unanimous approval

C. Quick Facts for Advisory Board

Vicki Shipman thanked advisory board members for their continued service on the advisory board. The board is vital in helping develop curriculum and program development

D. Industry Update: New Technologies, Training Needs, Hiring Needs, Industry Outlook

Summary:

New Technologies-no new technologies to report at this time

Training Needs-industry is still in need of trained welders

Hiring Needs-welders are still in high demand

Industry Outlook- welding continues to have a strong outlook

Discussion:

Hiring Needs and Industry Outlook

- **Deborah Mann** reported that employers, she is contacting, are eager to partner with the college. Scott Miner has visited with local employers in need of welders.
 - **Ed Woodworth** asked Deborah how far she was reaching when contacting employers.
 - **Deborah Mann** replied she is contacting employers in Livermore and Pleasanton. She found four immediate openings for welders with the starting pay of \$14 per hour. She reported there were a lot of opportunities.
- **Bill Johnson** shared that he got a call from Fabco who was in need of welders. However it was a full time position and students want to complete their degrees.
 - **Scott Miner** shared his frustration that students don't want to work for \$14.00 an hour.
 - **Vicki Shipman** asked if \$14 an hour was a good rate of pay.
 - **Bill Johnson** replied yes, if they want to stay local. He was able to get a student a part-time job with a company willing to work around the student's schedule with full-time work during the summer.
- **Scott Miner** remarked that he is getting calls from employers in Hayward and San Leandro.
- **Steven Jones** shared that he started out making \$15 an hour and is now making \$22. He loves what he is doing.

- **Scott Miner** asked Kerry Shatel if he was staying busy out in the field.
 - **Kerry Shatel** replied yes.

- **Scott Miner** shared information about PG&E's Safety Power Inspection and Testing class.
- **Kerry Shatel** remarked that money can be made in the welding industries.
- **Scott Miner** said companies like Jifco have lots of work. He shared with the group some the unique welding work Jifco is doing.

- **Vicki Shipman** asked if St Jude's was still moving to the area
 - Scott Miner explained that they were now under the name of Abbot Labs and, yes they were located in Pleasanton. They need laser welders for the medical devices they produce.

- **Don Carlson** shared there is a lot of work in Nebraska too.

- **Scott Miner** reported that students are working in the field while continuing the welding program at LPC

E. Faculty Report-Scott Miner

1. Program Update:

All welding curriculum are now updated—25 different programs, both AS and certificates. (Scott Miner provided a list of all the welding classes, *Program of Study*, for the attendees) He pointed out a new class WLDT 55 Print Reading for Industry which is a specific Blueprint reading class. Also, students taking the Welding Safety class will earn an OSHA 10 card which is valued in the industry. In the summer of 2018 high school students who attend a two week welding camp will earn one unit of college credit. Starting in the fall of 2017 students will be able to attend three new not-for-credit laser welding classes-Basic, Intermediate and Advanced. In spring 2018 these classes will be available for credit. Scott shared that LPC will be the first community college in California to offer laser welding classes.

Discussion:

- **Ed Woodworth** asked if teachers could attend these classes.
 - **Scott Miner** said yes.
- **Deborah Mann** wanted to know what the acronyms stood for—referring to the Program of Study list.
 - **Scott Miner** explained the course titles reflect industry names. Additionally, there is a current effort to standardize titles and course work between all California Community Colleges.
- Vicki Shipman asked if Welding 80, *The Welding Business*, was a new class.
 - Scott Miner said no; it's been on the books for a while. LPC is the only school who offers this class. He provided an overview of the class which prepares students to be well versed in the unique aspects of the welding industry. This class provides the foundation if a student wants to start their own welding business.

- **Don Carlson** asked if LPC ever considered offering an Entrepreneur course/certificate. He gave examples from his experience at Johnson County Community College. Don said that most of the CTE classes had had an entrepreneurial certificate.
 - **Deborah Mann** also shared examples of community colleges who offered these certificates associated with their CTE programs.
 - **Vicki Shipman** shared that the business department already has this program.
 - **Don Carlson** remarked that we should look into what it would take to add an entrepreneur course/certificate to LPC's CTE courses.

- **Deborah Mann** wanted to know what the highest level of math is required for welding.
 - **Scott Miner** said a contextual math class is needed to meet the AS State requirement. The goal is to create a math class that has applied concepts plus intermediate Algebra. This could be a team effort between welding and math departments.
 - **Deborah Mann** remarked that several employers want math skills, specifically trigonometry.
 - **Vick Shipman** shared that release time is available to create a math class
 - **Don Carlson** explained the process for creating a contextual math class.

- **Vicki Shipman** remarked that she was very pleased that Scott pushed through twenty-five classes. And, thanked him for his efforts.

- **Vicki Shipman** asked Scott Miner to update the advisory board regarding fall classes.
 - **Scott Miner** shared that fall classes are starting to fill. Additionally, he informed that board that Joe McNealy will teach the LPC welding concurrent enrollment course, this fall, at Livermore High School.

- **Scott Miner** reported that as of February 2017 the WLDT 3 class articulates with an engineering course at San Francisco State. He remarked that the LPC welding program is doing a good job creating a welding pathway from high school through four-year college.
 - **Ed Woodworth** remarked that Scott was doing a good job getting students engaged and involved.

- **Kerry Shatel** said that there are a lot of classes related to welding, but it's important they have the goal for a student to pass various welding skills test.
 - **Scott Miner** explained that student learning outcomes are included in various welding procedural tests within the class curriculum.

2. Recommendations from Advisory Board to College

It was recommended by the board to approve the new *Welding Program of Study*.

MSC: Ed Woodworth/Bill Johnson

Unanimous approval

F. Next Steps

Discussion

- **Vicki Shipman** asked if welding was ready to start planning for the Laser Welding Symposium in spring 2018. She added it could be a goal of the advisory.
 - **Scott Miner** replied yes. It will be a general public Open House. Industry will be invited to attend too.
- **Scott Miner** reported that LPC is slowly moving towards becoming an ATF test site. He is looking to start online certifications. ATF-workmanship/producing a product that combines welding skills to earn a credential “SENSE”
 - **Kerry Shatel** asked if Scott has had a chance to look at the ATF online content.
 - **Scott Miner** replied yes, but needs to check price point and content library. He felt it was expensive for students and expressed concern that if a student didn’t complete the online work in a year, they’d have to pay for another year.
 - **Kerry Shatel** explained more about the online program and how it compliments what is being taught in the classroom.
 - **Scott Miner** asked Vicki Shipman if LPC could pilot an online program in fall.
 - **Kerry Shatel** stated that he could get LPC sixty day free access to the ATF online program.

Special recognition and congratulations were given to **Steven Jones**, welding student and welding advisory member, who is Las Positas College’s Valedictorian for the graduating class of 2017.

Meeting was adjourned at 7:20 pm

Next meeting scheduled for early December 2018