



## *Business Partnership Council Meeting Minutes*

### *Welding Business Partnership Meeting*

October 15, 2014

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I. **Welcome-** Meeting began at 5:05pm

## **II. Introductions**

## **III. Program Review**

1. 2013-2014 Health Indicators

a. 95.1% course success rate and 30 graduates last year

2. 2013-2014 Program Outcomes

a. Met all program outcome goals set for welding program

## **IV. NCCER Updates**

1. Online Proctored Exams- Welding is now required to have online proctored exams from third party individual. Instructors can no longer give exams and academic proctors are needed.

## **V. Program Updates**

1. Joshua Magwood- teaching stick welding, MIG, Flux core. We also got new virtual reality machines and students are really picking up on visual technique prior to actual applications using machines. Students are preparing to strike an arc and surprisingly group of students are becoming greater welders; attributing to virtual welding. Spoke about partnership with Ribovich for specialized training and Lloyds registry.
2. Mark Beilen- wanted to speak more to industry professionals for applications of what they need so they can touch on in classes.

**VI. AWS Accredited Test Facility-** a suggestion was more titanium grade 2-12 material; good revenue generator and people need to have options. Can offer industry an actual welder and should exploit and let community know there are only 2 in Florida. Both instructors will need to be CWI certified.

## **VII. Action Items: discussion was steered toward these topics.**

- a. South Florida needs: marine industry- aluminum; an upsurge in small manufacture; structural Hyco helicopter rotor assembly; basic TIG welding
- b. Steel Fabricators in Ft. Lauderdale building box column design for structural; each sections weigh 70 tons and are 60-70 ft. in the air.

- c. Seeing an upsurge in Port of Palm Beach.
- d. Ft. Myers sub arc and flux core. Suggested it was their obligation to let us know when companies are hiring. Suggested to broaden to a variety of stainless steels/primary carbon here at PBSC.
- e. Suggested teach some metallurgy and nickel alloys; also spoke about heat treatable/non-treatable
- f. Suggested out in field will ask for scraps to donate to program in order to expose students to different materials.

**To what extent do you believe the college welding program is meeting your needs? What ways could it improve?**

Continual improvement; asked if there were any surveys to send out to local businesses and see what bites. Starting to see demand at Kennedy Space Center and graduates need to be mobile.

**What do you think about the idea of creating an evening advanced welding program that non-certified welders and our former graduates could attend to obtain NCCER Level Three Welding Certifications?**

Essential because will be needed; would rather have it at night so they can work during the day; students need to have so many hours prior to be able to take advanced classes. Need to get experience, then take course; need to offer to employers for more advanced levels.

There is a new business called Messocore in Riviera Beach that is building 1200sq ft homes out of shipping containers. Everything that is needed for the home is in the container including the bottom frame; with solar panels will be 2bed/2bath home for disaster zones; MIG welding

Joseph Barone is happy to volunteer to teach a metallurgy course to welding students. Sent resume and letter regarding qualifications (included).

**VIII. Meeting Adjourned: 6:15pm**

**In attendance:**

Lou Kliensmith- Lincoln Electric  
Scott Antonius- Matheson  
Joseph Barone- Facilities Engineering, Inc.  
Alan Bohan  
Joshua Magwood  
Mark Beilen  
Lynnmarie Highsmith