



Imperial Valley College
ECONOMIC AND WORKFORCE DEVELOPMENT

**WELDING TECHNOLOGY PROGRAM
ADVISORY COMMITTEE MEETING**

Thursday, October 20, 2011
5:30 PM, Board Room

<u>Members Present</u>	<u>Members Not Present</u>
Alex Bautista, Lincoln Electric Gonzalo Huerta, Jr., Yuma Proving Grounds Jose Mascareno, Westair Gases & Equipment David Sanchez, Arc Dynamics Sam Colton, IVC Adjunct Welding Instructor Gonzalo Huerta, IVC Adjunct Welding Instructor Jose Lopez, IVC Industrial Technology Dept Chair Patricia Robles, IVC Economic and Workforce Development Administrative Secretary (Recorder)	Jose Aguirre, General Dynamics Reuben Bautista, United Association Jose Luis Cardenas, Union Pacific (Chair) Kirk Crosswhite, Plumbers/Pipefitters Local Union 230 Mark Gran, CalEnergy Mike Hazard, UA Joint Training Sterling "Arkie" Mayes, Construction Trades Council Glen Walker, EW Corporation Oscar Cervantes, IVC Adjunct Welding Instructor Joe Espinoza, IVC Student Employment Specialist Martha Garcia, IVC Grants Coordinator Jose Plascencia, IVC Counselor Fred Rivera, IVC Adjunct Welding Instructor Nancy Sanchez, IVC Tool Room Technician

Mission of Imperial Valley College Welding Technology Program:

"To offer educational and skills development opportunities designed to assist individuals to meet the level of technical knowledge and skill standards that will meet the qualification requirements necessary for individuals to develop professionally as welders (certificate of completion option) and/or welding technicians (Associate of Science degree option)."

Minutes

1. Call to Order

The meeting was called to order at 5:45 pm by Gonzalo Huerta.

2. Introductions

All in attendance introduced themselves.

3. Agenda Review

The agenda was reviewed and modified to reflect replacement of individuals scheduled to report on some topics with those present. Jose Luis Cardenas, Chair, was not able to attend, therefore, Gonzalo Huerta conducted the meeting.

4. Approval of Minutes of May 16, 2011

M/S/C Sam Colton/Jose Mascareno to approve the minutes of May 16, 2011.

5. New CTE Building

Manuel Godinez and Nate Griffith from Sanders, Inc. reviewed the blueprints of the Welding lab for the new CTE Building. The current plans include an enclosed area, an outside area, and a locker room section. Some grinding stations are located outside. The groundbreaking date is October 12th. Permitting has been submitted to the State and comments have been received.

Sam Colton expressed the need to have dust and draft collection and a downdraft, regardless if outside. Nate Griffith said that a ventilation system is planned and is going out for bid. Sam Colton suggested removing some lockers and shortening a wall to remove the blindspot. Sam Colton suggested having a mobile island/wall in order to provide extra space when needed, for example, for VICA contests. Booths will be used for welding, soldering, and brazing, but not for cutting. Sam Colton said booths need to be 60x60 to provide ample room for arm swings in all directions. 60x48 is what is currently in the plans. Blueprints showed 18 booths, which is the class cap. There are 6 extra booths outside to accommodate additional students. Power drops and gas drops are needed in each booth to accommodate for evolving technology and added efficiency. All classrooms are planned to be smart classrooms.

6. Prerequisites for Welding Courses

There was discussion on whether to add pre-requisites to the current courses or to rework the entire Welding curriculum. It was agreed by all that rather than adding prerequisites to the current courses, the Welding Technology curriculum needs to be redesigned to be effective fall 2012.

It was suggested that the Occuplacer testing program for vocational assessment be offered at IVC. Student Services should be contacted to see what they can do to help offer this test in the Assessment Center.

There was a brief discussion on math applications for welders and applied sciences/math/English in welding classes.

7. IVC Curriculum

It was agreed that WELD 100 should be the gateway course to all the other courses. Skill development to achieve an industry certificate shall be added so that there is a more defined outcome expectation. Sam Colton suggested that students should be able to read materials from NCCER; he added that the materials are available in Spanish also. David Sanchez recommended finding out what type of welders does our community need.

A comprehensive program review is due from Welding Technology this fiscal year.

Gonzalo Huerta created and shared a handout titled, "Guiding Elements for IVC Welding Technology Program." There was brief discussion on the AWS SENSE (Schools Excelling through National Skills Standards Education) Program.

8. South America Summer Educational Tour

Sam Colton, founder of Welders Without Borders, attended a South America Summer Educational Tour this summer. He referred everyone to visit www.welderswithoutborders.org. He reported that scholarships were given in Peru to training centers, schools, instructors, etc. He said that about 1,500 welders attended the main event.

Sam Colton was invited to speak at the 35th anniversary of the Spanish Welding Society in Spain.

9. SkillsUSA & VICA (Vocational Industrial Clubs of America)

Gonzalo Huerta said that Jose Luis Cardenas has asked about getting a student organization, SkillsUSA, here at IVC. Gonzalo Huerta said that we would need a faculty sponsor and a person willing to put in time and effort to this cause. Sam Colton said he is available on Fridays. The Welding Technology Department will look further into it.

10. Tour of IVC Facilities

No discussion.

11. Good of the Order

Gonzalo Huerta stated that he was given recognition by the AWS President for being an AWS member for 35 years. The ceremony occurred in Yuma, Arizona. He is now a lifetime member.

Gonzalo Huerta said that he plans on taking students on one fieldtrip per semester in order to make a better education and industry connection.

Alex Bautista will be providing automation simulation training for AWC Welding faculty. Sam Colton expressed his thanks to Alex Bautista and Lincoln Electric for arranging this training. Arizona Western College will be traveling to the Lincoln Center of Excellence in Santa Fe Springs, CA. There are two seats available for IVC Welding faculty.

12. Call for Additional Committee Members

No discussion.

13. Next Meeting

The next meeting date will be scheduled for some time in March 2012.

14. Adjourn

The meeting was adjourned at 7:36 pm by Gonzalo Huerta.