



# San Joaquin Delta College

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## Welding Advisory Committee

May 4, 2017

**Attendees:** Larry Bartko–Western Square Industries, Alex Demirjian–Miller Electric, Greg Vincelet–Plumbers and Pipefitter, Local #442, John Herger–San Joaquin Office of Education, Jose Canez–Stockton Steel, Alex Taddei–SJDC Welding

**Absent:** Max Jones–Holt of Calif./Caterpillar, Rocky La Jeunesse–SJDC Counseling, Carol Shelton– Ironworkers Local #118, Steve Wiseman – WIP Mechanical, Stephen Fleming – SJDC Welding Program

### College Mission Statement (BP 1200)

San Joaquin Delta Community College District serves the needs of students and the District community by providing excellent post-secondary education to the associate degree level, general education and preparation for transfer to other post-secondary institutions, career and technical education, economic development, and the development of intellectual autonomy. To achieve this objective, the faculty and staff are committed to offering high quality instructional programs, student services, and efforts to enhance the public good.

Using the institution's governance and decision-making process, the institution reviews its mission statement on a regular basis and revises it as necessary.

## Meeting Minutes

### Welcome and Introductions

Meeting was called to order at 5:35pm by Alex Taddei. Introductions were made around the room and the committee welcomes Mr. Larry Bartko from Western Square Industries as a new member. Mr. Bartko/Western Square Industries have made considerable donations to the program by means of material and equipment. They were recognized for their outstanding support for the Welding Program.

### Approval of Minutes

- First order of business was to review the minutes from the October 2016 advisory meeting. After reading of the minutes and a short review period, there were no further additions or corrections. Greg Vincelet made a motion to approve the minutes as read – Jose Canez, second. Minutes were unanimously approved as read.

### Old Business

- Alex gave an update on both the Welding and Metal Forming shop renovations. Present completion timelines for the outside site work are slated for the end of May 2017, while the new Welding laboratory and classroom due to be completed in time for occupation August 2017 (Fall Semester). New laboratory will accommodate approximately 35 welding stations with a considerable increase in outside workspace. Classroom will also seat the same number of students and will be equipped with updated media and lecture delivery resources.

### Program Updates

- It was at this time that Alex discussed the status of 3 grant proposals submitted since or just before the last advisory meeting. Strong Workforce Investment funding is a relatively new fund source in which we participated. Its focus is to provide resources to programs to help students enter the workforce in a shorter amount of time and with more employability skills. The Welding Programs focus for this grant was advanced design welding power supplies, industrial scope CNC plasma cutting equipment, and contemporary layout fixture/tooling resources. The program was recently informed that this grant has been approved/funded and we will move forward to secure the outlined

equipment. Alex used this opportunity to elaborate on the status of the other proposals – still awaiting review and/or approval. The Perkins grant for 2017-18 focused on incorporating more CNC/Automation into the program as well as the updating of several code publications used in the qualification of students. The other proposal was for the re-allotment of funds from Perkins 2016-17. This proposal focused on securing compact, inverter welding power supplies that are for the most part self-contained and emerging as a preferred equipment choice for the light industrial/hobbyist applications. This proposal was a recent submission and the program is awaiting review status.

- Alex handed out packets that included course outlines for review and a proposal outlining the required course work for “process specific” certificates of achievement. The certificates would be titled “Oxy/fuel and SMAW – Certificate of Achievement”, “GMAW/FCAW – Certificate of Achievement”, and “GTAW – Certificate of Achievement”. The handout detailed the background, issues to be addressed, and the benefits of providing these “scaffolding” certificates for students working their way towards the present certificate or degree. Mr. Bartko expressed his satisfaction with the creation of these certificates as that an employer, the certificates would better outline what the student’s capabilities are. Mr. Demirjian commented that the proposed was more in line with the segments within the welding field employment requirements. After further review of the program course outlines - including course prerequisites and co-requisites, Mr. Canez made a motion to submit and pursue implementation of the described certificates as stated. Mr. Herger second. Motion was unanimously approved.

### New Business

- Alex initiated a discussion on future program enhancements based on the core indicators reviewed during the recent grant proposal submissions. While some improvements have been made in the desired cohort categories, it continues to be an area of focus. The group as a whole agreed that the present drive to incorporate instruction and equipment choices in such areas as automation, advanced function equipment implementation, and use of emerging fabrication/layout tools, would greatly benefit students entering today’s job market. The new laboratory will provide the space to expand choices in these areas. The group also recognized that some of the recommended enhancements may take some time to be reflected in the data – thus small improvements in cohort category percentages is encouraging.

### Other

- Alex/Mr. Herger gave a report on the Delta hosted “Welding Shootout” that took place in January 2017. Seven area high school teams of five members each competed in SMAW, GMAW, and Oxy/Acetylene cutting as well as a written exam. This event continues to grow and has become an excellent vehicle to showcase the welding program at Delta.
- Alex reported that he continues to pursue articulation with area high schools as this appears to have helped in the area of completion rates/certificate attainment. The group encouraged continued energies be devoted in this area – considering the severe shortage of welders and those with welding skills in industry.

- Another event – NEW – Nontraditional Employment for Women – has become a popular event initiated by Dean Gillian Murphy and has really increased awareness for women considering entry into the trades at the high school level. This event has been held twice over the last year and continues to grow...
- The meeting concluded with a short tour through the new Welding laboratory and classroom.

### Next Meeting

Tentatively scheduled for October 2017

### Adjournment:

7:05pm

This is a bi-annual requirement. Add N/A to agenda item if this is not a requirement during the year of the meeting.

