

**Career Education Business Advisory Board
Meeting Minutes for Welding Technology
College of the Canyons
Diane Van Hook University Center Room 327
October 28, 2018 5:30-7:00 p.m.**

NAMES/ TITLES OF ADVISORY COMMITTEE MEMBERS	Name of Company, Business, College, High School and Title	Email Address	Telephone Number	ATTENDANCE Present or Absent
Chair Sergio Montiel	Lincoln Electric, TSR	Sergio_Montiel@LincolnElectric.com		Absent
Business Partners including Industry, Non-Profit and Community Based Organizations				
Nick Albert	Machine Shop / Welding Manager	nick@lincubator.org		Present
Lloyd Carder	Pacific Automated Welding Solutions	carderfam@yahoo.com		Present
Kevin Dillon	Owner / K & D Welding	Kdwelding100@yahoo.com		Present
Eric Frei	Regional Sales Mgr / TEC Welding Products, Inc.	efrei@socal.rr.com		Present
John Gonzalez	Territory Manager Praxair Distribution	John_gonzalez@praxair.com		Present
Darrol Houser	JPL – Group Supervisor	dhouser@jpl.nasa.gov		Present
Vincent Sandoval	Sales Manager Airgas West	Vincent.sandoval@airgas.com		Present
Program Chair Tim Baber	College of the Canyons, Welding Department Chair	Tim.baber@canyons.edu		Present
Students				
Parents				
COC Administrators				
Harriet Happel	Dean of Career Education	Harriet.happel@canyons.edu		Absent
COC Discipline Faculty				
David Thrasher	FT Faculty Welding Technology	David.thrasher@canyons.edu		Present
COC Staff				

Keri Aaver	College of the Canyons / Director of Job Placement	keri.aaver@canyons.edu		Present
John Milburn	College of the Canyons / Economic Development	John.milburn@canyons.edu		Absent
K-12 Administrators				
Melanie Hagman	Principle / Castaic High School	mhagman@hartdistrict.org		Present
K-12 Discipline Faculty				
Mark Kosek	Hart School District	mkosek@hartdistrict.org		
K-12 Staff				
Other				
Sue Buckley	Hart School District / Career Dev. Coordinator	sreynolds@hartdistrict.org		Present
Nadia Cotti	Hart School District	ncotti@hartdistrict.org		Absent

Commenced: 5:30 pm

Adjourned: 7:00 pm

Introductions – All (Welding & Manufacturing)

Tim Baber filled in for chair Sergio Montiel

Review of Meeting Minutes:

- The meeting minutes from previous Advisory Committee meeting were disseminated and reviewed.
- The minutes were approved by all

Castaic High Welding/Manufacturing Update

- Castaic High school is a blend of all the programs in the Hart District that includes a CTE component where students can leave with some form of certification.
- Castaic High we be offering Welding and Manufacturing programs under dual enrollment formats. The idea is providing students with employable skills coming out of the program that they can add to be further their skills in the COC welding/MFGT programs.
- Tim showed the proposal layout of the Welding facility at Castaic High School which includes 12 welding booths, tables, a teaching demonstration area with monitors and glass barriers. There is an outdoor space for cylinder storage, a plasma cutting table and tables for grinding.
- Looking to offer Manufacturing 090 as early as 10th grade and possibly Manufacturing 112.
- Looking at Welding 101A in the 2nd semester of 11th grade; B and C in 12th grade. Manufacturing 113 is also included.
- The AWS SENSE program in embedded in Welding 101A which students will be working to complete. The online and performance tests will be done at Castaic
- When students leave with Welding 101C, they will have a SENSE certificate in SMAW.
- Castaic has the highest education per capita in the Santa Clarita Valley

Current Status of Program

- Need to elect a new chair and vice chair. Sergio has been serving as chair for over five years
- The welding program offered 18 sections for FA 2018 with no course cancellations.
- Need to improve the number of completers by more offering short term certificate programs that are stackable towards complete of a degree
- The AWS LA/IE section held a technical meeting on 11/01/18 where approximately 50 individuals were in attendance. There was a raffle during the event where students won student AWS memberships and various PPE items.
 - The primary focus was to expose students to the benefits of using welding cameras for both manual and robotic welding processes.
- Tim updated the board on the new AWS SENSE changes that are coming such as a new accreditation program starting in FA 2019.
- Manufacturing day was on October 10th where 900 students attended. The event keeps getting better each year.
- Women Who Weld workshop is scheduled to be held on February 22, 2019 and aimed to get non-traditional workers in the workforce. Samantha Farr, the founder, will run the event. The event would have 8-12 females attending.
- Time shared a new promotional 30 second snap shot video created by the college for the welding program which will be aired in movie theaters over the summer.
- College to Careers will be held on Saturday, January 26, 2019 at the Valencia campus from 9:00AM – 2:00PM. Help is needed from instructors.
- All current Metal Fabrication courses are currently under revision. They will be retitled as Weld 100A, 100B, and Weld 101C and increased from 2.0 units to 2.5 units each. A new Certificate of Achievement (16.5 units) in Metal Fabrication is in the approval stages.
- Tim detailed the new CNC plasma cutting course (Weld 135) Introduction to Plasma Cutting (3.0 units) which will be part of the new Metal Fabrication Certificate.
- A discussion took place regarding the addition of two new LADBS certification performance test preparation courses for manual welding and semiautomatic welding processes. These two classes were identified to be developed under this year's Perkin's grant proposal for welding
- The new weld 111A, 111B, and 111C courses (semiautomatic welding) have been approved in curriculum and will be offered in FA 2019. The completion of these three courses and 9 units of required electives will add another 16.5 certificate of achievement.
- The creation of a new 3-unit course for offline robotic programming was discussed to add to the Certificate of Achievement for Robotic Welding Automation

Program Improvement

- Weld-Ed. Is tentatively schedule to offer a Module 6 (Teaching and Learning Strategies) training next summer at COC. Weld Ed.
 - \$600 registration fee for the training and will be July 8-12, 2019.
 - Harriet Happel to provide funds to cover registration for COC welding instructor who wish to attend
- Discussions continue with Lincoln Electric to offer additional basic robotic training course at College of the Canyons
- Tim Baber discussed the idea of creating a mobile teaching station that is equipped with an LE S-350 power source, M-25 wire feeder, Xiris video cameras and a large screen monitor to allow students to better see instructor's teaching demonstrations
- Will be submitting for college innovation funding (estimated at \$20K)
- We are looking to partner with BSA on the new NBT summer camp proposal