



LOWER COLUMBIA COLLEGE 1600 Maple Street, Longview, WA 98632

Welding ADVISORY BOARD MINUTES

MONDAY April 22, 2019 5:15 P.M. LCC STUDENT CENTER CONFERENCE ROOMS

I. Meeting called to order at 5:36

II. ATTENDEES

Natasha Allen, Rightline Equipment Inc.
Mike Anthony, Boilermakers 502
Theresa Davis, Weyerhaeuser Longview Lumber
Steve Harms, Weyerhaeuser Longview Lumber
Kim Rongey, Topper Industries
Seth Thompson, Local 26 Plumbers/Pipefitters
Randy Byrum, LCC
David Pittsley, LCC
Lynell Amundson, LCC

III. AGENDA ITEMS

a) Enrollment update

Morning and evening enrollment is good; not as high as faculty would like to see; 34 students enrolled day time classes (only three are afternoon), eight enrolled in the evening; advisory members ask about cause; brief discussion about obstacles – class schedule conflicts, general education core class requirements don't line up with afternoon welding classes, affects welding students being able to stay on track and complete certificate or degree in one or two year window. Advisory members suggest more classes should be available in the evening. Continued discussion about faculty get to pick and choose when they teach; low enrollment across the board at the college; some classes that used to be offered every quarter are now only offered twice a year; offering a various times requires enough enrollment to justify additional sections.

b) Program updates

COURSE NUMBER/CURRICULUM CHANGES

David shared information regarding renumbering all courses, rewriting course outcomes; many courses haven't been reviewed/renewed for years. All have been taken to Curriculum Committee and approved.



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SURVEY RESULTS

Advisory members were provided document that showed chart results of survey conducted at Fall 2018 meeting of board. A product of the survey was the development of pipe welding classes.

PROPOSED PIPE WELDING CLASSES

David has been working hard to develop pipe welding classes and a certificate; running into roadblocks because of the number of credits expected for a Certificate of Proficiency (COP) that makes the program financial aid eligible otherwise it would be Certificate of Completion (COC) which is not financial aid eligible.

Current status – advanced students get a very small introduction to pipe welding.

Mike Anthony, Boilermakers, asks about content of courses David is developing.

The classes built and ready to go are:

- 1. SMAW – Pipe Welding**
 - a. Stick E6010 root with stick E7018 fill/cover
 - b. Positions: 2G, 5G, & 6G
 - c. Learn to cut, prep, fit, & weld.
 - d. Homework from API & ASME (code books that cover pipe & pressure vessels nationally)
- 2. GTAW/SMAW – Pipe Welding**
 - a. Tig ER70S-2 root with stick E7018 fill/cover
 - b. Positions: 2G, 5G, & 6G
 - c. Learn to cut, prep, fit, & weld.
 - d. Homework from API & ASME (code books that cover pipe & pressure vessels nationally)
- 3. GTAW – Pipe Welding**
 - a. Tig ER70S-2 root/fill/cover
 - b. Positions: 2G, 5G, & 6G
 - c. Learn to cut, prep, fit, & weld.
 - d. Homework from API & ASME (code books that cover pipe & pressure vessels nationally)

Mike said as soon as students complete pipe welding there are jobs open.

Steve Harms, Weyerhaeuser, asked about restrictions. David shared that you can't just add credits to a degree, state restrictions on number of credits; LCC is working on a pathway to the two year degree that would focus on pipe welding.

WELDING CLUB

The LCC Welding Club reactivated this week, gives students an opportunity to come into the shop and work on projects for display, sale, for scholarships and skill enhancement. Club has been inactive for quite a while but starting up again now.

c) Marketing initiatives



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Advisory board asks about marketing efforts. Faculty share information about new pamphlets; plans to create a coaster marketing the program to adult population, a pool that doesn't usually get reached out to, putting coasters in locations laborers frequent, develop interest in gaining a new skill or moving into a career in welding. Average student age at LCC is 32-35. Seth Thompson, Plumbers/Pipefitters, and Mike Anthony shared the average age of apprentices with their labor unions is 30-31.

Discussion of various career fairs, young adult employment events LCC staff participate in as outreach activity. Board members asked about social media; LCC does use social media but it isn't specific to trades only. Steve Harms, Weyerhaeuser, suggested students in social media classes take on developing a project to promote the trades.

d) Other business

- Group discussion – How does LCC measure success? David and Randy talked about producing quality entry level craftsmen that know how to go a work site and work safely, know how to learn, how to get things started, critically think, figure things out, prepared for a leadership role. Role of industry on advisory boards is crucial to keeping program relative. Some board members talked about LCC students they have worked with that are working successfully, have built a career, in a position now to purchase a house. Seth said they have 130 people interview every year for apprenticeship opportunity with Plumbers/Pipefitters Local 26. He encourages applicants to take advantage of coursework at their local community college; gives them a leg up over someone without exposure to trades. Mike talked about helper program with boilermakers, gives students opportunity to pass test; if they know basic skills, know what a craftsman does, they arrive with their eyes wide open.
- Discussion about aluminum boat building company Vigor moving into Vancouver; recently awarded a 10 year \$1 billion DOD contract; potentially 400 open positions; LCC's current welding program only has about a week of exposure to aluminum welding; Topper Floats also needs aluminum welders; LCC encouraged to look into options. Both Tasha, Rightline Equipment, and Mike, Boilermakers, have contacts at Vigor and will reach out to them to find out exact type of aluminum weld needed.
- Advisory board would like to see more rigging and lifting as part of program.
- Seth praised Grays Harbor Community College pipe welding program, encouraged LCC to consider replicating. Students coming out of the program are hired immediately.
- Randy shared information about new outlets installed in weld lab and that all outlets have been standardized.



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- David shared information about new equipment that was purchased based on recommendations of advisory board at Fall 2018 meeting.
- Randy and David shared information about Welding Competition held in February. Donations from local industry and several high schools participating; had to cap number of students due to amount of interest; winning teams get to select prize from industry donations (hand tools, welding hoods, etc.).

IV. UPCOMING PROGRAM OR COMMUNITY EVENTS

- a. Try A Trade, May 17th
9:30 a.m. to 1:30 p.m.
Industry partners invited to participate and share information with high school students about their trade/industry. Lunch is at noon. Contact Hahli Rogers, hrogers@lowercolumbia.edu, (360) 442-2601, or Brian Delmar, bdelmar@lowercolumbia.edu, (360) 442-2610., if you are interested. Tasha is participating and encouraged other advisory members to consider participating.

- b. NEXT MEETING (DATE/TIME/PLACE): Suggested date Monday, Oct. 14th, 5:30 p.m., location TBD

V. Meeting adjourned 6:45 p.m.