

Education & Training Committee Meeting

Meeting Notes

February 19, 2009

Roll Call:

Career Readiness Committee Members:

LaMont Albertson (Yuut), Karen Anderson (APSC), Don Bickmeier (TVC), Brad Ault (Job Corps),
 Arva Carlson (Ninestar), Bob Cress (AGC) Merlene Conner (Pioneer), Dane Elana (TVC), Doug Edmonston (UAA), Brian Ellingson, Bob Feltman (NW Pump & Equip.), Alan Houtz (KPC), Victoria Grimes (Shell Oil) Scott Kracksburger (KPC), Jeffrey Laube (KPC), Kathy Leary (Ilisagvik), Art Milan (BP), Holly Norwood (UAA), Dave Rees (BP), Steve Shreiber (AWWU), Art Skoog (BP), Kelly Smith (UAA), Basil Stewart (Arctic Controls), Fred Villa (UA) Todd Bergman

Staff: Colette Moring

Guests: Jim Lager, CIRI; Tim Woodard BP

Guest Speaker:

1. Jim Lager, CIRI

- a. Fire Island project, the turn-around will be quick. A training program will not help this project. Power will be generated in 2010. One idea we've had is that we can help set up a training facility (esp for rural facilities). Is there something we can do to help that process, help by setting aside land, run existing lines?
 - b. What core competencies?
 - i. It's a construction process
 - ii. Basic electrical skills
 - iii. You don't need years of experience, a relatively short training program can get you up and running.
 - iv. For large scale, you tend to have electrical engineering background. Level of staffing.
 - c. Wind Energy Alaska – building and operating
 - i. 36-turbine project – more than 1 shift, integrating the power with the rest of the grid, need expertise. Having people trained in operating wind and integrating w/ gas or electric generators.
 - ii. Load balancing/integration (hydro, wind, gas components and multiple generating)
 - iii. Renewable energy systems could be developed in a cost efficient manner. Don't limit to just wind. Explore all renewable energy options. Power integration issues.
 - iv. Is there already a curriculum developed/training manual? He will ask and forward that information.
- Do we need to discuss the possibility of supporting/implementing a training program?

- First generation of workers, skilled and experience
- Second generation could be integrated into the current curriculum.
- Run the energy directly to Wastewater as second treatment.
- Any of these up and coming projects may need specialized training. Determine if the process tech program correlates to the training, what other programs already relate? (electrical, power generation, etc.)

2. UA Training plans for Renewable Energy (Fred Villa)

- i. AK Center for Energy and Power (**Holman, Gwen**)
- b. ACEP in process of having a joint appt. of having **Cat Keith** on Mat-Su Campus to work w/ power gen to discuss the training needs and competencies. Mat-Su campus is looking to permit an occupational endorsement of renewable resources. (They have a meeting next Thursday for task force.)
- c. AVTEC has a proposal for funds would like power generation for their technician training program on-site, theirs is specifically wind generation. In addition Mt. Marathon has a non-working hydro-power generation plant they are interested in using.
- d. With renewable energy, there is a lot more than just the technician, no matter the source. Facilitating the groups and conversations to not duplicate the efforts and research, apply the research. Provide assistance or do the training for the occupations.
- e. TVC has begun to develop a wind energy (special topics) as an elective.
- f. Christian Owens at Mat-Su College (contact her about what's going on there.

Approval of Minutes:

v

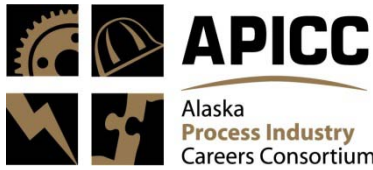
Discussion Items:

1. Item 1 moved priority, as guest had limited time.
2. Waste water update
 - a. Hands on training for water/waste water operators
 - b. Talked w/ Craig Willard, he and the HR Manager are drafting a MOU with the University for the internship program.
 - i. Needed a formal agreement.
 - ii. Liability issue. (Were going to mirror the engineering program.)
 - iii. Credit issues: need 1 year of training, the max in a semester is 500 hours, which works to 6 credit hours. The class could be repeated. Met with Christa, this is not a hurdle. Although it is not necessary to get 2000 hours to get hired, it is in the best interest of the student. Craig

mentioned that for someone to participate, they need to be enrolled in the PT program. Capacity – initially take a few, then 20 or so?

3. Instrumentation Review Update
 - a. I and II was held Nov. 7th are academic issues. There is an interest in changing contact hours. The ongoing discussion is lab hours. Brian at TVC is willing to make the move toward lab/contact hours for hands-on activities for fall 2009.
 - b. Sharing of the lab programs between the 3 campuses. Suggestion that we request from industry through APICC of items that are needed.
 - i. Task force review of the labs: Holly Norwood, Art Skoog, Dave Rees
4. APICC Bylaws Change – APICC Committees will be chaired by a member of the APICC Board of Directors, Sue Moore, Shell Exploration will be chairing the committee. (Alaska Operations Manager)
5. Summer Institute-
 - a. The Bellingham Technical College is offering an institute in July. The institute is open to Alaskan educators. If this works well, they would like to have Alaska coordinate one next year.
 - b. If we do something next year dovetails with Rural Water.
6. Some of the board members companies may want to sponsor a scholarship to one of these events.
7. More schools are interested in Process Tech, but the curriculum is not built, if the committee is looking for something to build, is how to put together curriculum for PT curriculum for Secondary – look at dual credit or Tech Prep.
 - a. The curriculum is very detailed and high level.
 - b. Look at the pre-requisites.
 - c. Look for existing curricula
 - d. Request Vicki Pohl to attend a meeting.
8. This last year was the first year awarded all 5 of the scholarships to high school students.
9. Articulation agreements (Calhoun Community College – CAPT Program, Process Tech – Gulf Coast Model)
10. Career & Job Fairs –
 - a. UAA attending Safety Conference, Valdez High School,
 - b. UAF/TVC Career Fair (Sat.)
 - c. Let APICC know if you have an event/career trip planned. We can post it on the calendar.
 - d. BP will be in Juneau, Ketchikan, Wrangell next week.

Adjournment: 3:00



March 19 (1:00 – 3:00)

ACTION TRACKER:

NO.	WHO	WHAT	WHEN	STATUS
1		Wanting CIRI to partner with the Univ. to promote training facility for wind generation training on fire island, not fund.		
2	Jim	Forward information regarding wind generation training information		
3	Steve	Talking to the Student Association about the Water/Wastewater internship program	Feb 09	
4	Campus	Send to APICC equipment wish list that may be needed in labs that industry may be able to provide.		
5	Brian & Jeff	Send to Holly a copy of the labs in Instrumentation II.	Feb 09	
6	Agenda Item	Request Diane Maples or Vicki Pohl to attend next meeting as a tech prep representative for Process Tech in high schools.	3/26/09	On Agenda