



2600 Denali St., Suite 700
Anchorage, AK 99503
Teleconference Number: 1-866-875-5250 or 565-5001

Education and Training Committee Meeting

Notes

May 14, 2009 – 2:00pm-4:00pm

APICC Meeting Room – 2550 Denali, Suite 1600

Roll Call:

Education and Training Committee Members:

✓ Susan Moore (Shell), Chair, Erin Anderson (removed) (BP), ✓ Karen Anderson (APSC), Brad Ault (Job Corps), Don Bickmeier (TVC), Jade Bickmore (DOL), Arva Carlson (Ninestar), Merlene Conner (Pioneer), ✓ Bob Cress (AGC), Brian Ellingson (TVC)(called in), Bob Feltman (NW Pump & Equip.), Alan Houtz (KPC), Jeff Laube (KPC), Gary Turner (KPC), Kathy Leary (Ilisagvik), Art Milan (BP), ✓ Dave Rees, ✓ Steve Shreiber (AWWU), Art Skoog (BP), Kelly Smith (UAA), Basil Stewart (Arctic Controls), Tim Woodard (BP), Rick Adams (UAA)
✓ Todd Bergman
Staff: ✓ Moriah Miles

Guests:

✓ Vicki Pohl, Needs Assessment Committee

Safety Minute:

✓
Steve Shrieber – taking the PPE home with you
Susan Moore - bicycle to work day tomorrow – watch out

Approval of Agenda:

✓
Approval of Minutes: (April 16, 2009) ---Dave motions, Steve seconds ✓

Discussion Items:

1. Review of Priority Occupations

Vicki Pohl

Objective: Highlight those Oil & Gas occupations that, through the work of the Needs Assessment Committee, show the greatest gaps between supply and demand.

- a. Vicki presented the information in the latest version of the POR and clarified that the POR is a “live” document.
- b. The group reviewed the highest priority (red) careers.
- c. Vicki clarified that this version of the report is based on updated Dept. of Labor data, and the validation with industry data is planned in the near future.

2. E&T Focus Areas relative to the Priority Occupations

Moore / E&T Committee

Objective: Evaluate the Priority Occupations against E&T availability / quality to determine next focus areas for this committee to have the greatest impact on closing the gaps.

a. The Committee reviewed the red (highest) priority occupations. Of these, the committee agreed to review the following occupations, that are perceived to be the most critical needs, first.

1. POR Highest Needs
 - a. Project Engineers / Managers
 - b. Operations managers/supervisors
 - c. Maintenance mechanic (need more specific information on mechanic shortage – i.e. turbine vs. diesel)
 - d. Discipline engineers (civil, chemical (corrosion), electrical, mechanical, petroleum, mining)
2. Of the remaining red occupations, the committed decided to ask the Needs Assessment Committee for validation from industry that need is still high for the following.
 - a. Electricians (which type, since some training is specialized)
 - b. NDE testers
 - c. Safety Inspectors

b. Process used to examine industry needs for education and training programs for the highest need occupations:

1. Steve explained the process he used for Water and Waste Water evaluation as an example:
 - Evaluated training
 - Level/qualifications
 - Capacity
 - GAPs ID'd – apprenticeships needed and developed; experience
 - Lot of training at entry level (that was taken care of)
 - What should be in intermediary training level
 - Developed skills inventory (necessary skills) – competencies.
 - How to train – internship
 - Delivery was to be hands on; needed to pick out format for this
 - ENDED UP BEING INTERNSHIP

2. Education & Training Evaluation Process – How to fix need (process example)

- a. Clarify occupational need
- b. ID Standards for needed positions (DACUM)
3. ID Existing E&T programs (make sure program meets the standards)
- c. ID GAPS (in any above)
- d. If needed, fill the gaps.
- e. Feedback loop.

The committee applied the above process to Project Engineers as an example:

1. Clarify the need. – General project engineer need.
2. ID standards for needed positions (dacum).
 - See if university has a dacum.
3. ID existing E&T programs:



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- Project Engineers typically start work as discipline engr for 3-5+ yrs, then move to Project Engineering
- Masters program at UAA
- Construction mngmt at UAA
- PMI – Project Management Professional Certification
- Professional Engineering License in Project Engineering? Or still build on core engr discipline license
- Corporate training programs

4.ID gaps – Project engineer gaps may come from lack of engineers as a whole.

- Review UAA standards (were UAA programs done through a DACUM?)
- Compare UAA masters program to standards for field
- If education & training is sufficient, is the issue advocacy to grow more persons into engineering as a whole, and project engineering.

c. The committee decided to set up subcommittees to evaluate each of the highest priority occupations (Project Engr, Operations supervisors, Maintenance mechanic, Discipline Engineers). Dave Rees & Karen Anderson volunteered to work off-line to outline the review process, deliverables, and recommended sub-committee leads.

3. Short discussion on clean-up of roll call list

4. Curriculum archives (hard copies, electronic copies) – UAA, UAF, KPC. Todd is working with the campuses to ensure that all of the white books are up to date and consistent and that a master is maintained.

5. Provide update of Budget impact for University

Objective: Information sharing. – Fred Villa – Not Covered

6. Waster Water Internship Status. Objective: Information Sharing – Steve Shrieber – Not Covered

7. Energy Industry Academies for Alaska. Objective: Information sharing. – Todd Bergman – Not Covered

Adjourn 4:40pm – Next Meeting June 18 (2-4pm) at APICC Conference Room

ACTION TRACKER:

NO.	WHO	WHAT	WHEN	STATUS
1	Fred	Follow up on the audit results from the previous APICC audit of the program and determine if the recommendations are relevant or necessary: recommend Art Skoog; Bob Feltman; Basil Stewart; and request Fred Villa assistance.	Fall 2009	
2	Academic Chairs	Review the APICC notebooks to determine if they are current, the information needs to be clearly conveyed to APICC as to what information is current.	By Sept. 1	
3	Dave	Invite Mike Woods from King Career Center, Natural Resources Program to talk about his program.	Fall 2009	
4	Holly	Will make copies of the PRTA 130 and PRT A 101 course notebooks (and electronic versions if possible) and distribute to APICC, KPC, TVC and request reimbursement from APICC	June 2009	Complete
5	Committee	P Tech programs to forward list of needed lab equipment to industry to determine if any industry members may have extra equipment to donate.	Fall 2009	
6	APICC	Invite Fred Villa to talk about the impact of budget results on UA programs. Next meeting June 18 th – 2-4pm.	May-June	Done
7	APICC	Get validation from industry from NEEDS ASSESSMENT COMMITTEE on the following priority occupations: electrician, NDE tester, and Safety inspector.	June 2009	In progress – on agenda
8	Dave, Karen, Moriah	Establish plan for E&T subcommittee review of highest priority occupations, including review process, deliverables, and recommended team leads and members.	May 21 – 2-4pm	Done
9	Todd	Begin consolidation/review of electronic/hard copy of process technology curriculum for APICC, UAF, UAA, KPC	Summer 2009	In progress
11	Sue, Dave, and Todd	Meet with KPC	June 2009	
12	Todd and Vicki	Meet to discuss POR and next steps	June 9th	