



Advisory Committee Meeting Minutes – Tuesday, June 14, 2011

Welcome & Introductions

Bill Bonaudi, President, welcomed everyone, with introductions being made around the table. Those in attendance were: Sharon Buck, EvCC; Bob Lawrence, Peninsula College; Robb Clarke, Boeing; Dave French, Boeing; Mary Breuggeman, Future of Flight; Marci Larsen, Mukilteo S.D.; Dave Cunningham, Shoreline CC; Jake Jacobson, Pierce Co. Skills Center; Mary Kaye Bredeson, Jackie Bopp, & Sue Bradshaw, Center of Excellence

Updates on CoE Activity

- Bill reminded everyone of the importance of this committee and the time that is spent together, especially as the emphasis grows on trained workers and the increased need of these trained workers in the workforce.
- The Center of Excellence represents 34 community and technical colleges on both the west and east side of the state.
- Mary Kaye will be leaving for Paris on Thursday as a member of the Air Washington delegation, representing aerospace programs throughout the state. She has been asked by the Governor to blog from Paris.
- Mary Kaye welcomed new staff to the Center of Excellence team: Sue Bradshaw, Program Coordinator and Jackie Bopp, Grant Writer.

DOL Grants

Jackie outlined the grants that she has or will be submitting:

- **DOL Grant entitled InnoVaTe Washington** (Bellevue was the lead): due April 21; ceiling was \$20 million; other CoE's involved in this grant include Aerospace, Health, Clean Energy, and IT; involved TAA eligible workers, with a goal to train workers for high demand industry jobs by developing training programs that can respond industry needs quickly
- **DOL Grant entitled Air Washington** (Spokane CC was the lead): this had an aerospace and advanced manufacturing focus that involves a quick turn-around in workers in these

industries by focusing on pre-employment certificate programs; contextualized ESL program, EASA certification and AS 9100 training or certification

- **H1B Visa:** currently the US is using non-immigrant workers to fill positions in the US that are not able to be filled by US workers; this grant would prepare a pathway to replace the H1B Visa worker with US workers in non-entry level positions; the emphasis is on career navigation and involves on-the-job training and helps fund NAM certification; the grant had a \$5 million ceiling; there are two due dates, June 2 and in November.
- Researching funding potential for A & P programs for updated equipment with a focus on King Air's.

Additional Discussion Points

- Focus needs to be made on career pathways beginning in the middle school; the CoE for Aerospace funded the Future of Flight STEM program and the shop girls out of Granite Falls
- While this is a good start we need to be reminded that 70% of seniors that graduate do not go onto 4 year college immediately upon graduation
- More work needs to be done to bring education and industry to the table together
- More work is being done between SBCTC and OSPI to streamline students into career pathways

Aerospace Alignment of Training Programs with Industry

- ACAT (Aerospace Curriculum Alignment Team) has been formed after an initial meeting through the CoE with Boeing and community/technical colleges and the need for these two entities to work together to meet the needs of trained workforce for Boeing; the colleges began to identify programs that do and could align with the 29 job codes within Boeing; Dick Strand wrote a white paper re. the needs of industry being/not being met through the community and technical colleges; this got the attention of the governor who then asked for further work to be done on the alignment between industry and education; please refer to the packet entitled "Program Cluster Executive Summary"

Cluster Workshops

- Dick Strand offered four cluster workshops: Composite Materials Manufacturing, Electronics Technology, Machine Tool Technology/Industrial Manufacturing, Aircraft Mechanic (see packet entitled "Program Cluster Executive Summary")
- Boeing is facing a large number of employees that are retirement eligible plus a large number of factory workers that have been through several of the work stoppages within

the last few years and would prefer to retire then go through another one; also, this country has de-emphasized the need for manufacturing within its own walls and we are now seeing the effects of that philosophy

- Also, as budgets for K-12 become tighter, we are seeing a decline in shop and other “hands-on” manufacturing/technical classes offered in the K-12 system, however, the need for skilled, educated workers is increasing
- The cluster workshops were an excellent opportunity for the SME’s (subject matter experts) and the colleges to interface; the next step is to spend more time with the SME’s and the college’s to gain greater perspective
- Through the workshops the need for modularizing curriculum became evident as it became apparent that many students in the college programs are over-trained as they enter the Boeing workforce; due to the immediate and high need that Boeing has for workers especially aircraft assembly mechanic and aircraft electronic mechanic that are entry level positions Boeing would prefer that these future employees in the high demand areas receive a small portion of training at the community/technical college level, get a job at Boeing and then in 6 months-one year return to school with Boeing paying for their education; their ultimate preference would be for the basic core classes needed for these entry level positions be embedded in the high schools or technical skill centers
- The WATR center is a perfect example of the short term training that Boeing is looking for, however, the number of workers that WATR can generate is not enough to meet the high workforce demand of Boeing; Boeing would like the community and technical colleges to shorten their training to offer something comparable to WATR
- Currently, Boeing is developing curriculum for a shortened training component and will provide the skills centers with that curriculum
- It is important that we educate K-12 employees; that education within the state is restructured to meet the needs of industry and those students that are not college-bound; we also need to see OSPI, SBCTC and workforce training work together to meet the needs of students and industry within the state.

Center of Excellence 2011-2012 Work Plan

- Please refer to the Centers of Excellence 2011-2012 Work Plan Guidelines that list the core expectations for all of the CoE’s. These core expectations serve as mission statements for the Centers of Excellence.
- Please refer to the meeting agenda to view the goals that have been established for the Center of Excellence for Aerospace for the 2011-2012 fiscal year.

Aerospace Career and Opportunity Fair

- We will be hosting an Aerospace Career and Opportunity Fair, Tuesday, Sept. 27, 2011 at the Lynnwood Convention Center. Dick Strand is underwriting this fair and we are very lucky to have Boeing as a major contributor and participant. They will also be working with their suppliers to ensure their participation. The goal is 5,000-6,000 attendees. Depending upon the success of this fair, Boeing would like us to host one down in the south end, i.e. Auburn/Kent area.

ACAT Meeting – July 14th

Center of Excellence for Aerospace Meeting – Monday, Sept. 26, within the scope of the career fair