

***1st Annual Energy Technology College Summit
Hosted by Centralia College
Center of Excellence for Energy Technology
July 20, '05, 9:00am-3:00pm
Agenda***

Welcome

Dr James Walton, President
Centralia College

Introductions

Barbara Hins-Turner, Director
Center Of Excellence for Energy Technology

Key Note Speaker

Dr Sandra Elman, Executive Director
Northwest Commission on Colleges and Universities

Washington State Board Update

Jim Crabbe, SBCTC

Energy Programs Panel

Bob Topping, Clackamas Community College
John McKee, Clark College
Don Miller, Walla Walla Community College
Mark Johnson, Centralia College
Don Richter, Eastern Washington University
Dan Violini, Southern Alberta Institute of Technology

Networking Lunch

Credit for Prior Learning

Dory Jackman, Eastern Oregon University

Round Table Discussions

Developing Collaborative Delivery Systems
In Support of the Energy Industry

Next Steps

Program Highlights:

Key Note Speaker

Dr Sandra Elman, Executive Director
Northwest Commission on Colleges and Universities

NWCCU Credit for Prior Experiential Learning Guidelines:

- 1) Identify goals/objectives/expectations and desired outcomes at the beginning of the partnership.
- 2) Document objectives and desired outcomes with time frames identified.
- 3) Ensure all parties of partnership are informed throughout project to ensure buy-in.
- 4) Document progress and apprise all partners concerning:
 - a. Product delivery
 - b. Schedule
 - c. Progress assessment



Policy 2.3 Credit for Prior Experiential Learning

The Northwest Commission on Colleges and Universities recognizes the validity of granting credit for prior experiential learning, provided the practice is carefully monitored and documented. Credit for prior experiential learning may be offered under the conditions enumerated below. This policy is not designed to apply to such practices as CLEP, Advanced Placement, or ACE-evaluated military credit. Credit for courses taken from non-accredited institutions must be addressed pursuant to ***Policy 2.5 Transfer and Award of Academic Credit***.

- a. Policies and procedures for awarding experiential learning credit must be adopted, described in appropriate institutional publications, and reviewed at regular intervals.
- b. Credit for prior experiential learning may be granted only at the undergraduate level.
- c. Credit may be granted only upon the recommendation of teaching faculty who are appropriately qualified and who are on a regular appointment with the college on a continuing basis.
- d. Credit may be granted only for documented learning ties the prior experience to the theories and data of the relevant academic fields.

- e. Credit may be granted only for documented learning which falls with the regular curricular offerings of the institution.
- f. .An institution that uses documentation and interviews in lieu of examinations must demonstrate in its self-study that the documentation provides the academic assurances of equivalence to credit earned by traditional means.
- g. Credit for prior experiential learning should not constitute more than 25% of the credits needed for a degree or certificate.
- h. No assurances are made as to the number of credits to be awarded prior to the completion of the institution's review process.
- i. Credit may be granted only to enrolled students and is to be identified on the student's transcript as credit for prior experiential learning.
- j. Policies and procedures must ensure that credit for prior experiential learning does not duplicate other credit awarded.
- k. Adequate precautions must be provided to ensure that payment of fees does not influence the award of credit.

Adopted 1988

Washington State Board Update

Jim Crabbe, SBCTC

Centers of Excellence: The Role of Washington's Community and Technical Colleges in Economic Development

Centers of Excellence: The Concept

11 Flagship Institutions---

- Focus on targeted industries that drive the state's economy
- Maintain an institutional reputation for innovation, flexibility, and responsiveness
- Act as a library and broker of resources
- Translate industry research into best practices
- Provide system coordination, coaching, and mentoring
- Drive seamless educational transitions

Energy Programs Panel

Bob Topping, Clackamas Community College

- Presented CCC's AAS Energy and Resource Management degree
- CCC Partnership with PGE and PacifiCorp, Wilsonville Training Center, Wilsonville OR
- Authentic internship project
- Support of apprenticeship for PGE and PacifiCorp

John McKee, Clark College

- Presented Clark's Power Utility Certificate Program
- Pilot program, '04- '05
- Distribution/Transmission focused program

Don Miller, Walla Walla Community College

- Presented WWCC's (AAAS) Degree in Energy Systems Technology
- Upon completion of the first year of instruction a Certificate in Mechanical, Electrical, or Refrigeration and Air Conditioning is available
- Students specialize in a Mechanical, Electrical, or Refrigeration and Air Conditioning during the second year of instruction
- Shared 2003 Skills Standards project focused on energy occupations:
 - Electrician
 - Instrument/Control/Meter Technician
 - Lineman
 - Millwright

Mark Johnson, Centralia College

- Presented Centralia College's Center of Excellence ATA Energy Technology Program
- Program developed by request from TransAlta
- 18 students completed pilot first year and are expected to return fall, 05 for 2nd year of program
- Classroom hands-on lab under construction

Don Richter, Eastern Washington University

- Presented EWU's Bachelor of Science in Applied Technology distance education programs
- Designed for students who have graduated with an Associate Degree in Applied Arts and Sciences (AAAS), Associate Degree in Applied Science (AAS), Associate Degree in Technical Arts (ATA) in computer technology, electronics technology, mechanical engineering technology, civil engineering technology, drafting/design technology, and similarly named programs at community colleges.
- Program is in place with Clark College, South Seattle Community College and Bellevue Community College

Carla Braun Hixon, Bismarck State College

- Presented Bismarck's Energy Technology Associate Degree Programs
- NSF Funding awarded for program development of five online energy programs
- 476 full time online energy students
- Manage apprenticeship for two large power companies

Credit for Prior Learning

Dory Jackman, Eastern Oregon University

- Presented the Assessment of Prior Experiential Learning program that teaches students how life and work experience can be assessed for college credit
- Shared the Utility Education and Training Alliance Portfolio class model held each quarter via Interactive Television (ITV)
- PGE, PacifiCorp, BPA, Chelan PUD and PSE employees have participated
 - Over 100 utility employees have completed class
- The class provides instructions to:
 - Develop personal portfolio
 - Access the college credit assessment process
 - Complete an associates degree
 - Transfer to a bachelors degree

Round Table Discussions

Developing Collaborative Delivery Systems
In Support of the Energy Industry

- Shared Programming
 - Equitable sharing and compensation issues (who pays for what)
 - Inventory or data base of programs
 - Intellectual property – Who owns what
 - State of Oregon owns all material created by faculty
 - Standardization of body of knowledge
 - Third party evaluation (external)
 - Shared promotion and recruitment
 - Process for sharing courses and students (formalized)
- Distance Learning
 - Recommendations:
 - Choose Common Platform
 - Blackboard
 - Web CT
 - E College
 - TLM

- Desire to learn
- Split Rates
 - Play for convenience access fee, etc
- Cost of Development

- Articulations
 - 360 degree articulation concept
 - Articulations between community and 4 year programs
 - Learning management system
 - Understanding relationships
 - Learning outcomes correspond to articulations not course outlines
 - Common core must be addressed

- Interactive Tele Video
 - Classes vs meetings
 - Quality of equipment
 - Connections
 - Hosting
 - How to charge?
 - Hub concept suggested

Next Steps: Industry will be invited to a follow up meeting in the fall.