Alaska’s Connected System: Education and Workforce Development

- Alaska Workforce Investment Board – AWIB
- Career and Technical Education – CTE
- Alaska Tech Prep
- Registered Apprenticeship
- Alaska Gasline Training Plan
Developing a Skilled Workforce for the 21st Century

- Department of Labor’s Mission
  - Providing safe and legal working conditions and advancing opportunities for employment

- Alaska is building a connected system
  - K-12, Tech Prep, Apprenticeship, and Postsecondary
  - Training is industry driven, based on skill standards
<table>
<thead>
<tr>
<th>Program Name</th>
<th>Funding Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Training System</td>
<td></td>
<td>Build-up Program and other programs in the schools.</td>
</tr>
<tr>
<td>Gasline Training Plan</td>
<td>$860.0 GF</td>
<td>Gasline Training Plan focuses on accreditation and skills standards. Regional economic data gathering.</td>
</tr>
<tr>
<td>Construction Academies</td>
<td>$3.5 million GF</td>
<td>Construction Academies focus on training school youth as well as young adult workers in trade construction, welding, and other skills. Number served: 1,000 High School/100 Adults.</td>
</tr>
<tr>
<td>Youth First</td>
<td>$2,321.8 GF</td>
<td>Secondary School Youth Career Awareness, Preparation and Job Experiences. Apprenticeships and OJT Incentives to Expand Skilled Opportunities. Increase registered apprentices and trainees. Number Served: 200</td>
</tr>
<tr>
<td>AVTEC</td>
<td>$10,326.2 Total, $4,852.9 GF</td>
<td>Vocational Training for in-demand occupations. Number Served: 953.</td>
</tr>
<tr>
<td>TVEP</td>
<td>$9,447.0 TVEP</td>
<td>Allocated to various training entities and the University of Alaska to support operations and training programs.</td>
</tr>
<tr>
<td>STEP</td>
<td>$8,568.1 STEP</td>
<td>Used through the Job Center Network and Competitive Grants Awards to Train Workers who are Unemployed or face the threat of Unemployment. Fills funding gaps not met by WIA programs. Number served: 2,000 to 2,500</td>
</tr>
<tr>
<td>Denali Training Fund</td>
<td>$3.15 Million Federal</td>
<td>Denali Training Fund includes a $1 million per year allocation for competitive youth employment grants in rural Alaska, preferably connected with Denali Commission projects. Number served: 1,000</td>
</tr>
<tr>
<td>Workforce Investment Act</td>
<td>$12.7 Million Federal</td>
<td>Youth Funding focuses on at-risk in-school and out of school youth (ages 14 to 21). Number Served: 500</td>
</tr>
<tr>
<td>Workforce Investment Act</td>
<td>$8.5 million Federal</td>
<td>Workforce Investment Act funds are used to support operations and training programs.</td>
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<td>$500,000 Federal</td>
<td>Workforce Investment Act funds are used to support operations and training programs.</td>
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<td>$100,000 Federal</td>
<td>Workforce Investment Act funds are used to support operations and training programs.</td>
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Alaska Workforce Investment Board

Function

To develop and oversee the implementation of a comprehensive state human resource investment system.

To promote an efficient, effective, and integrated system of employment education and training programs and services so that all Alaskans have the skills and opportunities necessary to earn a living wage and meet the future business needs of the state.
Alaska Workforce Investment Board

- Lt. Governor
- Labor Commissioner
- Commerce Commissioner
- Education Commissioner
- Health Commissioner
- Labor, Education, Business/Industry and Private Sector
Alaska’s Connected Education/Workforce Development System

- **High School**
  - CTE programs linked to Tech Prep and industry recognized certifications supported with CTSO's.

- **K-6 Awareness**

- **7-8-9 Exploration**

- **10-11-12 Development**

- **13-14 University AAS Degree**
  - Concurrent Enrollment
    - Registered Apprentices may be concurrently enrolled in university programs.

- **Apprenticeship**
  - 4000-8000 hours
  - Time or Competency based

- **BST or BT Program**

- **Related Credits**
  - Apprenticeship earns up to 38 Cr at the University of Alaska

- **Career Advancement**
  - Construction Management
  - AAS or BS Degree

- **Progress to Management**

- **Continuing Education**
PARTNERING FOR SUCCESS:
A STATE PLAN TO IMPROVE CAREER AND TECHNICAL EDUCATION IN ALASKA
Alaska Gasline Training Strategic Plan

1. Increase awareness of and access to career opportunities in natural resource development.

2. Develop a comprehensive, integrated Career and Technical Education system for Alaska that aligns training institutions and coordinates program delivery.

3. Increase opportunities for registered apprenticeship in skilled occupations and expand other structured training opportunities.

4. Increase opportunities for development of appropriate training programs for operations, technical and management workers.
Alaska Education Plan

Goals

- All students will graduate prepared for careers or postsecondary training and education.
- Schools will form strong partnerships with families and communities, and will respect and embrace local cultures.
- Students will have access to safe schools, where they develop healthy and safe practices for life.
November 12, 2006

Dear Interested Parties:

The Department of Labor and Workforce Development recently hired Jeff Salter as the CTE (Career and Technical Education) Coordinator with the Alaska Workforce Investment Board (AWIB) and Helen Madkins, who recently moved to the CTE Office at the Department of Education and Early Development. These two positions are responsible for implementing statewide CTE programs, including developing a comprehensive career and technical education (CTE) system for Alaska that assists in maximizing resources and evaluates program delivery. Both departments are currently working in conjunction to develop a strategic plan for the future, establishing and strengthening partnerships for Alaska training programs, and coordinating and working closely with secondary and postsecondary education and workforce development organizations.

As the lead state planning and coordinating entity for career and technical education programs in the state, the AWIB is responsible for the administration and development of a statewide policy for a coordinated and effective workforce training and educational system. To accomplish this goal, the Commissioners of Labor and Workforce Development and Education and Early Development asked state workforce development and CTE organizations to consult through the AWIB to implement statewide CTE services for Alaska. We have designated Jeff Salter and Helen Madkins to lead the development and implementation of a comprehensive CTE Plan on behalf of both departments and report their progress to us through the AWIB.

It is natural that we all work closely together to accomplish these statewide objectives and we look forward to working with all of you. If you have any questions regarding the statewide CTE Plan, please call Jeff Salter at 907-266-8018 or Helen Madkins at 907-465-0190.

Sincerely,

Clark Bocky
Commissioner
Department of Labor
and Workforce Development

Larry LaDouce
Commissioner
Department of Education
and Early Development

Commissioners' Agreement
Partnership

ALASKA DEPARTMENT OF EDUCATION & EARLY DEVELOPMENT

UNIVERSITY OF ALASKA

Many Traditions One Alaska

JOBS

ALASKA DEPARTMENT OF LABOR & WORKFORCE DEVELOPMENT

ALASKA CAREER AND TECHNICAL EDUCATION PLAN
<table>
<thead>
<tr>
<th>K-12 Education</th>
<th>Workforce Development</th>
<th>U of Alaska Campuses</th>
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<tbody>
<tr>
<td>53 school districts</td>
<td>AVTEC</td>
<td>statewide</td>
</tr>
<tr>
<td>235 schools with secondary students</td>
<td>Regional Training Centers</td>
<td></td>
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<tr>
<td>1 state boarding high school</td>
<td>Apprenticeship</td>
<td></td>
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<tr>
<td></td>
<td>Training grants through WIA</td>
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<td></td>
<td>Construction Academy</td>
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<td></td>
<td>Career Guides</td>
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<td></td>
<td>DVR</td>
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</tbody>
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Alaska CTE Plan - Three Levels of Detail

- **The Executive Summary** - explains the need, the promise, the strategies, action steps that are presently occurring, and the call for action, to engage all stakeholders

- **The Overview** - defines and breaks down the elements for each strategy

- **The Strategic Timeline for Action Steps** - identifies when each strategy and element will occur, with an overall goal of implementing a few strategies immediately and some over the next three years
Regional Advisory Councils (RAC’s)
Regional Training Centers (RTC’s)

Alaska Department of Labor and Workforce Development
AWIB Regional Advisory Councils

- Inform AWIB of the priority occupations in the region and training needs of Alaskans in the region
- Voluntary group, representatives from all major organizations in the region
- Important to work with school districts and Regional Training Centers
Regional Training Centers (RTC’s)

- Regionally organized to provide training that prepares youth and adults for careers in Alaska

- Currently eleven RTC’s (North Slope, Delta Partnership, Fairbanks Pipeline Training Center, Galena, Kotzebue, Nome, Bethel, King Salmon, AVTEC, Sitka, and UA Workforce Programs)

- RTCs are funded through grants and regional contributions/support

- Utilize and support Tech Prep, school-to-apprenticeship, and registered apprenticeship workforce development strategies
Registered Apprenticeship
Today’s Apprenticeship

- Time-tested training system utilized in Alaska for over 50 years
- Combines related technical instruction with paid/structured on-the-job learning, supervision by qualified mentors
- Adaptable and industry-driven for priority industries
- Over 950 apprenticeable occupations
- Improves retention and local hire
- In a 10 year study (1996 to 2007) 86% of apprentices in 1996 were still residents of Alaska in 2007
Registered Apprenticeship

- One component of Alaska’s seamless Education and Workforce Development System.

- A system is that enables employers to develop training programs to industry standards that can increase productivity and improve the quality of their workforce.

- Apprentices' earn up to 38 credits in the UA system.
Pipeline Training Administrator Gerry Andrews

Alaska Department of Labor and Workforce Development
Two Proposed Projects
Two Proposed Routes

Proposed route for **both** pipeline projects

Map source from the Alaska Pipeline Project

Proposed routes for the Alaska Pipeline Project
The Plan identifies four broad strategies to prepare Alaskans for 113 occupations:

1. Increase awareness of and access to career opportunities in natural resource development.
2. Develop a comprehensive, integrated career and technical education system that aligns training institutions and coordinates program delivery.
3. Increase opportunities for registered apprenticeship in skilled occupations and expand other structured training opportunities.
4. Increase opportunities for development of appropriate training programs for operations, technical, and management workers.

State and federal funding has been appropriated toward implementation of these strategies.
Preparing for a Project

- Work with Project Partners
  - TC Alaska
  - Denali
    - Employers and TCC - Surveyor Apprenticeship
    - Alaska Forum - Environmental Technician Apprenticeship
    - Other Partners and Industries e.g. Core Driller Apprenticeship

- UA System, AVTEC, Regional Training Centers
- Career and Technical Education System Support
- Registered Apprenticeship
AWIB Initiatives and Important Dates

- Alaska State Energy Sector Partnership Training Grant
- Two Healthcare Training Grant Applications (ARRA)
- Disability/Veterans Employment Initiative Grant Application
- Next AWIB Meeting on October 25th and 26th in Fairbanks
- Gasline Steering Committee Meeting on October 27th in Fairbanks
- AWIB Meeting on February 22nd and 23rd in Juneau
Thank you.

Greg Cashen, Executive Director
Department of Labor and Workforce Development
Alaska Workforce Investment Board
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Anchorage, AK 99501
(907) 269-3569
greg.cashen@alaska.gov