



Alaska Career and Technical Education Plan

The *Alaska Career and Technical Education Plan – A Call to Action* was created by the collective effort of Alaskans from across the state and approved by Commissioner Clark “Click” Bishop (DOLWD), Commissioner Larry LeDoux (EED), and President Pat Gamble (UA President) and formally supported by their respective governing boards, the Alaska Workforce Investment Board, the State Board of Education & Early Development, and the University of Alaska Board of Regents. These three entities are now diligently working together to make this unique effort a reality that reaches across agency boundaries to prepare Alaskan students to support their families and meet the needs of Alaskan employers.

- This plan outlines a comprehensive, integrated career and technical education (CTE) system for Alaska that align training programs and coordinates delivery to prepare our citizens – youth and adults – for Alaska careers. The six strategies outlined in the Alaska Career and Technical Education Plan are:
 - 1) Make transitions planned and accountable for both successful student progress and systemic cooperation;
 - 2) Align curricula at all training institutions to meet current industry standards – including academic, professional, and technical skills – from elementary through secondary to postsecondary and professional development levels;
 - 3) Identify and promote career and technical education delivery models that ensure that all Alaskans have the opportunity to attain the knowledge and skills needed for further training and careers;
 - 4) Recruit, develop, support, and retain high-quality CTE teachers and faculty;
 - 5) Maximize the use of public facilities for training; and
 - 6) Establish and maintain sustainable funding mechanisms for a successful CTE system for youth and adults.
- Current Information (01/26/11): According to Research and Analysis (DOLWD), the Level of Required Education for Alaska Jobs in 2008 was:
 - 20.3% of Alaska Jobs require a Bachelor’s Degree and Above
 - 8.7% of Alaska Jobs require an Associate Degree or Vocational Training
 - 71% of Alaska Jobs require experience in a related occupation, long-term on-the-job training, moderate-term on-the-job training or short term on-the-job training.
- The Governor’s budget proposes \$1 million to begin the implementation of priority actions that cannot be accomplished by re-directing current funding sources. The three lead agencies - EED, DOLWD, and UA - are developing a management plan to coordinate and align CTE Plan implementation strategies across throughout their respective agencies.

FY11 Implementation Activities that are currently occurring:

Strategy 1: Transitions

- Elements and template for Personal Learning Career Plans (PLCPs) are drafted and will be posted on CTE Plan website.



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- Transition discussions occurring between secondary and postsecondary institutions
- EED, UA, and Tech Prep developing programs of study, sequencing courses from secondary to postsecondary education and training
- EED CTE Career Plan Pilots using AKCIS (Alaska Career Information System)
- Coordinating program development and delivery among training programs to reduce duplication of effort and the need for remediation

Strategy 2: Curricula

- Developing an inventory of current CTE programs and curricula and making the information publicly accessible.
- Piloting program of collaboration between secondary math and CTE teachers
- Working with EED, AWIB and University staff to identify industry standards and priority careers/occupations

Strategy 3: Delivery Models

- EED is piloting a project with AVTEC for distance delivery of Marine Technology and Computer Applications courses
- Defining and developing an inventory of examples and data on Alaska CTE delivery models

Strategy 4: Quality CTE and Industry Teachers and Faculty

- Working closely with the EED Teacher Quality group to review and improve the CTE teacher certification process
- Grant project with UAA/CTC/Career & Technical Education to support CTE profession development, including related industry externships for CTE teachers and guidance personnel

Strategy 5: Facilities

- Completing postsecondary training facilities inventories
- EED has collected data on public middle and high schools (including K-12) to identify district-reported status of CTE facilities and is in the process of analyzing the data and writing a report.

Strategy 6: Funding

- EED, AWIB/DOLWD, and UA have committed staff and resources towards developing and implementing the plan.
- FY12 - The Governor's budget proposes \$1 million to begin the implementation of priority actions that cannot be accomplished by re-directing current funding sources. Supporting this budget request represents an investment in career and technical education that will benefit all Alaskans through workforce and economic development.