



Alaska Career and Technical Education Plan

Report to AWIB Board Members – May 24, 2011

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The Alaska Career and Technical Education (CTE) plan continues to be implemented by all three entities, University of Alaska Statewide (UA), Department of Education & Early Development (EED), and Department of Labor and Workforce Development (DOLWD). On May 6, 2011 the Alaska CTE Action Committee reconvened and identified implementation priorities for each strategy.

The Alaska Legislative Conference Committee has approved \$625K to DOLWD for FY12, 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 – will be developing a management plan to administer the \$625K. A full report will be given to the AWIB Board during the October 2011 board meeting. In a separate action the Alaska legislature passed SB 84, which provides dedicated CTE funding to school districts equal to 1% of the Base Student Allocation for FY12. It is the hope that these funds can be leveraged in support of advancing the CTE Plan.

Listed below are FY11 Implementation Activities that are currently occurring:

Strategy 1: Transitions

- The purpose, elements and template for Personal Learning Career Plans (PLCPs) are drafted and are posted on the CTE Plan website (<http://www.labor.state.ak.us/awib/cte.htm>). The Alaska CTE Action Committee has made the implementation of PLCP during FY12 as a top priority. The committee feels that all Alaskans (youth and adults) should have a PLCP.
- Transition discussions occurring between secondary and postsecondary institutions – on hold – Regional Training Centers' (RTCs) are discussing how to make transitions between secondary schools to RTCs' to University system.
- EED, UA, and Tech Prep developing programs of study, sequencing courses from secondary to postsecondary education and training – ongoing – different articulation modes, listing course by course, two or more classes with distance delivery.
- EED CTE has facilitated Career Plan Pilots using AKCIS (Alaska Career Information System) in several districts, and are also working with other agencies (Department of Vocational Rehabilitation (DVR) and Department of Corrections) to develop compatible electronic portfolios for their clients using AKCIS as a common mechanism to allow easy transfers of PLCPs among multiple agency AKCIS sites.



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- EED and DOLWD are working with the state PTA organization in providing information and training to parents during the state PTA conference, on their website, and through outreach materials.
- Coordinating program development and delivery among training programs to reduce duplication of efforts and the need for remediation – reviewing “program of excellence” criteria, discussions with RTCs, AVTEC – Alaska’s Institute of Technology - Pre-TABE (Tests of Adult Basic Education) activities via distance delivery, etc.
- UA TVEP funds used to develop and update educational pathways across the UA system.
- Model PLCPs using electronic portfolios in AKCIS have been developed for Middle School and Grade 9-12 programs.
- EED is sponsoring UAA distance-delivered courses for middle and high school educators in using AKCIS for career planning programs and PLCPs.
- EED presented AKCIS/PLCP training to state Special Education Conference, Division of Vocational Rehabilitation (DVR), state correctional institutions, Alaska School Counselor Associations, some DOLWD Career Guides, and some school districts.
- Developing strategies for providing technical assistance to schools, districts, RTC’s, and university campuses to implement PLCP’s.

Strategy 2: Curricula

- Developing an inventory of current CTE programs and curricula and making the information publicly accessible. – RTC’s are done and exploring how to keep updated and included other relevant information (e.g. program pre-requisites). A partial list is available from EED. Currently EED is identifying examples.
- EED is implementing a research based model of pedagogy, academic integration, and collaboration between math and CTE teachers (“Math-in-CTE”), including secondary and postsecondary.
- EED is investigating other academic integration models, e.g. Science-in-CTE and Literacy-in-CTE, based on research by the National Research Center for Career & Technical Education.
- EED, AWIB/DOLWD, and University staff is working with industry to identify industry standards and priority careers/occupations.
- EED has developed a list of valid third-party technical skill assessments (TSAs) for use in secondary CTE programs.
- Now using online course submission portal for EED review of secondary CTE course curriculum and secondary to postsecondary Programs of Study.
- EED is working with school districts and UA to develop and promote curriculum in green technology, weatherization and healthcare.



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Strategy 3: Delivery Models

- EED is piloting a project with AVTEC – Alaska’s Institute of Technology, for distance delivery of Marine Technology and Computer Applications courses that articulate with postsecondary programs.
- Identifying examples and data on Alaska CTE delivery models are being identified and a delivery model definition is being developed.
- CTSO advisors are working on a variety of tasks, specifically on cross walking employability skills with the CTSO programs. Future Educators of Alaska is recognized as a new Alaska CTSO and they are working on the MOU process for a new education course that will be offered for concurrent credit.

Strategy 4: Quality CTE Teachers, Instructors, and Faculty

- Working to reconvene 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 professional development, including related industry externships for CTE teachers and guidance personnel – One more year – design a TIE model for teacher to use to attain credit.
- UAA – CTC CTE and EED CTE are developing CTE Leadership training cohort.
- EED is working with the Alaska Association for Career and Technical Education (AACTE) to develop a model for CTE leadership training and CTE staff development.

Strategy 5: Facilities

- Completed initial RTC and UA System training facilities and program inventories and now developing systemic process for maintain information and formatting for consistency.
- EED has collected self reporting data on public schools (including K-12) to identify district-reported status of CTE facilities and is now analyzing the data and preparing a report.

Strategy 6: Funding

- EED, AWIB/DOLWD, and UA have committed staff and resources towards developing and implementing the plan.
- FY12 – the Alaska Legislative Conference Committee has approved \$625K, to begin the implementation of priority actions that cannot be accomplished by re-directing current funding sources.
- Alaska legislature passed SB 84, which provides dedicated CTE funding for school districts that is equal to 1% of the Base Student Allocation for FY12.
- Investigating return on investment models for CTE to demonstrate impact and success of CTE programs and implementation.