

Alaska Workforce Investment Board (AWIB) FY13 Career and Technical Education (CTE) Grant Program END-OF-YEAR CLOSEOUT REPORT

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Background

The Alaska Career and Technical Education (CTE) Plan, a joint effort of the Department of Labor and Workforce Development (DOLWD), Department of Education & Early Development (EED), and the University of Alaska (UA) system, was finalized in August 2010. The legislature has appropriated \$625,000 to the Alaska Workforce Investment Board (AWIB) for implementation of the state CTE Plan in each of fiscal years (FY) 2012, 2013, and 2014. This report provides a summary of the FY13 grant projects supported through this funding.

In FY13, approximately \$612,000 was awarded to fourteen grantees in a competitive grant process that was available to school districts, postsecondary institutions, and non-profit educational agencies. The purpose of the grants was to enhance existing CTE programs or develop new ones, and grantees were required to align their projects with the CTE plan. All grantees were required to implement Personal Learning and Career Plans (PLCPs), a key component of the CTE plan. Of the \$612,300 awarded, the grantees spent approximately \$565,000* and served 1,425 participants. Several of the grant projects were focused on planning and developing future training programs.

FY13 CTE Grants Fiscal Summary

Grantee	Grant Award	Amount Spent	# of Participants
AVTEC - Alaska's Institute of Technology	33,473	32,146	23
Bristol Bay Borough School District	24,718	9,971	150
Copper River School District	16,900	16,352	265
Galena City School District	60,000	60,000	204
Hiland Mountain Correctional Center	55,000	53,243	123
Juneau Economic Development Council	45,970	45,706	98
Lower Yukon School District	55,800	50,884	56
Northwestern Alaska Career and Technical Center	30,000	25,704	97 [^]
Northwest Arctic Borough School District	60,000	53,815	226
Southeast Island School District	30,000	30,000	14 [^]
UAA Center for Rural Health	59,918	59,626	149
UAA Kodiak College	59,926	47,812	8
UAA Matanuska-Susitna College	25,150	24,238	12 [^]
Yuut Elitnaurviat – The People’s Learning Center	55,445	55,445	0 [^]
TOTALS	\$612,300	\$564,941*	1,425

* Some grantees were unable to use the entire grant award due to various reasons, including a late start date ranging from October 2012 to January 2013.

[^] Grant focused on program planning.

FY13 CTE Grants Project Summaries

① AVTEC – Alaska’s Institute of Technology

- Upgraded Structural Welding program.
- Purchased Submerged-Arc Welding (SAW) system and trained instructor in its use.
- Updated welding curriculum to include SAW training and certifications.

② Bristol Bay Borough School District

- Purchased equipment and supplies to update welding, small engines, and automotive programs.
- Provided students with a variety of career exploration including Alaska Career Information (AKCIS), classroom activities, and individual planning conferences.
- Collaborated with CTE programs at Lake and Peninsula School District and Southwest Alaska Vocational & Education Center.

③ Copper River School District

- Expanded implementation of Personal Learning and Career Planning (PLCP) from grades 6 – 12; emphasis on parent involvement and training for all middle and high school staff.
- Established a dedicated time for career planning activities for all students within the regular class schedule, which will be continued in future years.
- Implemented IC3 Program (Internet and Computing Core Certification), an industry-validated, standards-based training and certification program for computing and Internet knowledge and skills.

④ Galena City School District

- Enhanced Culinary Arts program to provide industry certifications - Food Handler’s Card and Food Safety Protection Manager Certification.
- Worked with industry partner, Doyon, Ltd., to align secondary culinary arts program with industry needs and expectations.
- Established a local driver training program available to all high school students.

⑤ Hiland Mountain Correctional Center

- Implemented new construction-related CTE programs for incarcerated women to prepare them for re-entry into the workforce in high-skill, high-wage, high-demand jobs.
- Students completed new programs in Electrical, Forklift Training, and First Aid/CPR.
- Participants earned industry certifications and a total of over 1,200 college credits for successful completion of courses.
- Expanded opportunities for students in Building Maintenance Repair Apprenticeship program.
- Incorporated funding for the new programs into the regular budget for the next fiscal year.

⑥ Juneau Economic Development Council

- Trained 98 elementary science teachers in six districts in Engineering is Elementary (EiE) curriculum - an industry-endorsed and research-based national program to bring science, engineering, and technology into the elementary school curriculum.
- Developed a PLCP model suitable for use by elementary school students, called KidExplore, which will be piloted in FY14.
- Developed a distance-delivery training model with Boston Museum of Science (EiE creators), to be hosted on Alaska’s Learning Network.

<p>⑦ Lower Yukon School District</p> <ul style="list-style-type: none"> • Developed and implemented a Community Public Safety and Service Training Program. • Established summer career training academy model for the study of public safety careers. • Partnered with public agencies (Alaska State Troopers, Kuskokwim Campus, Tundra Women’s Coalition, Civil Air Patrol, Rural Fire Protection, Departments of Natural Resources and Fish and Game, and Alaska Highway Safety Office) to provide training to the students.
<p>⑧ Northwestern Alaska Career and Technical Center</p> <ul style="list-style-type: none"> • Engaged a Fisheries, Seafood, Maritime advisory council. • Developed a Fisheries, Seafood, and Maritime Industry program. • Worked with AVTEC, other post-secondary partners, and local industry to establish Programs of Study in Fisheries, Seafood, and Maritime career pathways.
<p>⑨ Northwest Arctic Borough School District</p> <ul style="list-style-type: none"> • Developed and offered courses in Principles of Industry, Industrial and Wilderness First Aid, Arctic Resource Management, and Transportation and Industry. • Students earned OSHA 10, ETT, and hunter safety certifications and drivers’ licenses. • Implemented the district-wide distance-delivery system to provide CTE training to all students in all villages, including teacher training for effective distance-delivered instruction.
<p>⑩ Southeast Island School District</p> <ul style="list-style-type: none"> • Researched and developed a curriculum in horticultural studies. • Partnered with University of Alaska Fairbanks (UAF) to develop the high school curriculum and a program of study that can lead into UAF Bachelor of Science Degree in Plant-Animal Soil Sciences.
<p>⑪ University of Alaska Anchorage Center for Rural Health</p> <ul style="list-style-type: none"> • Expanded Health Sciences Program of Study in Galena City School District. • Implemented Health Sciences Program of Study in Nenana and Delta-Greely School Districts. • Aligned the secondary programs to post-secondary programs and post-secondary credit. • Revised the “Rural Alaska Program of Study Implementation Guide for Health”.
<p>⑫ University of Alaska Anchorage Kodiak College</p> <ul style="list-style-type: none"> • Developed and implemented new scheduling model for construction skills training – 15-week intensive session called “Path One: Fast Track”. • Provided training in accelerated timeframe for Basic and Intermediate Carpentry and Building Energy Efficiency and Weatherization; participants earned industry certifications (NCCER Carpentry and Weatherization). • Eight students successfully completed the program; seven of them obtained immediate employment in the construction field.
<p>⑬ University of Alaska Anchorage Matanuska-Susitna College</p> <ul style="list-style-type: none"> • Purchased equipment to enhance Paramedical Technology Program. • Provided programs in First Aid, CPR, Emergency Trauma Technician (ETT), and Emergency Medical Technician (EMT). • Developed EMT III course for delivery in FY14.
<p>⑭ Yuut Elitnaurviat – The People’s Learning Center</p> <ul style="list-style-type: none"> • Purchased vehicle that qualifies for CDL training and testing. • Developed CDL training program to meet state and national standards, to be delivered in FY14.