

Alaska Workforce Investment Board (AWIB) FY13 Career and Technical Education (CTE) Grant Program STATUS REPORT

Prepared by Marcia Olson

January 9, 2013

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 appropriated \$625,000 to the Alaska Workforce Investment Board (AWIB) for implementation of the state CTE Plan in FY2012 and again in FY2013.

The majority of these funds are distributed through a competitive grant process available to public school districts, postsecondary institutions, and non-profit educational agencies. The purpose of the grants is to enhance existing CTE programs or develop new ones, and grantees are required to align their projects with the CTE plan and to implement Personal Learning and Career Plans (PLCPs), which is a key component of the CTE plan.

In FY12, fourteen projects were funded, totaling \$535,000. In FY13, another fourteen projects have been approved for funding, totaling approximately \$612,000.

FY13 AWIB CTE Grants

① AVTEC – Alaska’s Institute of Technology - \$27K

- Upgrade Structural Welding program
- Purchase Submerged-Arc Welding (SAW) system and train instructor in its use
- Update welding curriculum to include SAW training and certifications

② Copper River School District - \$32K

- Expand 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
- Implement IC³ Program (Internet and Computing Core Certification), an industry-validated, standards-based training and certification program for computing and Internet knowledge and skills
- Provide IC³ testing and certification for high school, postsecondary, and adults (partnership with Job Center and Prince William Sound Community College)

③ Hiland Mountain Correctional Center - \$55K

- Implement 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
- Develop programs in Electrical, Forklift Training, and First Aid/CPR
- Participants may earn industry certifications and college credit

<p>④ Kodiak College (University of Alaska) - \$55K</p> <ul style="list-style-type: none"> • Develop new scheduling model for construction skills training – 15-week intensive session • Provide training in accelerated timeframe for Basic and Intermediate Carpentry and Building Energy Efficiency and Weatherization; participants will be eligible to earn industry certifications (NCCER Carpentry and Weatherization) • Target underserved populations (Alaska Natives, high school dropouts, students with disabilities, service-disabled veterans, and women)
<p>⑤ Lower Yukon School District - \$56K</p> <ul style="list-style-type: none"> • Develop and implement the Community Public Safety and Service Training Program in all 10 village school sites • Provide students with foundational knowledge/skills to pursue further coursework in law enforcement, firefighting, healthcare, and social services pathways • Partner 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 onsite training at each school
<p>⑥ Northwest Arctic Borough School District - \$60K</p> <ul style="list-style-type: none"> • Develop and implement career pathway training in Process Technology, Arctic Resource Management, Transportation, and Health Sciences • Implement the district-wide distance-delivery system to provide consistent and equitable CTE training to all students in all villages, even those without CTE teachers
<p>⑦ University of Alaska Anchorage Center for Rural Health - \$52K</p> <ul style="list-style-type: none"> • Expand Health Sciences Program of Study in Galena and Tok • Implement Health Sciences Program of Study in Nenana and Delta-Greely School Districts • Align the secondary programs to post-secondary programs and credit
<p>⑧ Galena City School District - \$60K</p> <ul style="list-style-type: none"> • Enhance Culinary Arts program to provide industry certifications • Implement local Driver Training program • Work with industry partner, Doyon, Ltd., for possible job placement for culinary students
<p>⑨ Yuut Elitnaurviat - \$58K</p> <ul style="list-style-type: none"> • Purchase vehicle that qualifies for CDL training and testing • Develop CDL training program to meet state and national standards • Train area students in CDL and provide them with the written and road tests for their certifications
<p>⑩ Juneau Economic Development Council - \$46K</p> <ul style="list-style-type: none"> • Train elementary science teachers in at least four 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) • Develop a PLCP model suitable for use by elementary school students • Develop a distance-delivery training model with Boston Museum of Science (EiE creators)

⑪ Matanuska-Susitna College (University of Alaska) - \$25K

- Purchase equipment to enhance Paramedical Technology Program – First Aid, CPR, ETT, and EMT courses

⑫ Northwest Alaska Career and Technical Center (NACTEC) - \$30K

- Develop a Fisheries, Seafood, and Maritime Industry program
- Engage a Fisheries, Seafood, Maritime advisory council
- Work with AVTEC and other post-secondary partners to establish one or more Programs of Study

⑬ Southeast Island School District - \$30K

- Research and develop a plan of study in Plant-Animal Soil Sciences
- Partner with University of Alaska Fairbanks (UAF) to develop the high school curriculum, which can lead into the Bachelor of Science Degree in Plant-Animal Soil Sciences at UAF.

⑭ Bristol Bay Borough School District - \$24K

- Enhance the construction program with teacher professional development and updated equipment/supplies
- Provide training in PLCP delivery to district staff and partner staff
- Enhance students' career exploration activities with AKCIS, classroom activities, and individual transition planning conferences
- Develop a 5-year district CTE plan