

FY15 DOLWD CTE Plan Implementation Grantees	Award Amount	Project Description
Hiland Mountain Correctional Facility	\$51,000	To provide training for installation of Solar Photovoltaics onto the Building Trades classroom at Hiland Mountain Correctional Center (HMCC). This training would offer the HMCC women with the best possible access to nontraditional occupations (NTO). This project would build upon HMCC's already existing programs of Electrical, Carpentry, Plumbing, OSHA and Alternative Energy.
AVTEC	\$38,105	The purchase, installation and integration of a refrigeration simulator and ammonia equipment would help AVTEC to provide technical and safety training to Alaskan workers who wish to work for those companies, without having to travel out of state as well as deliver training upgrades to Maritime Industries desiring additional training for their employees.
Bering Strait School District and Northwestern Alaska Career and Technical Education Center (NACTEC)	\$56,000	To develop skilled Airframe & Powerplant Mechanics in the Aviation industry. A single Aviation course will be expanded into a sequence of three Aviation courses. Forty trainees will re-fabricate a currently inoperative 1962 Piper Colt and put it back into serviceable condition, per FAA industry standards.
Galena City School District	\$29,160	This project is intended to align high school CTE programs with state post-secondary leaders and with industry standards. Project PACT focuses on two important career pathways for the benefit of our students, construction trades and automotive technology. Project PACT is designed to provide job embedded professional development for GILA instructors with state industry leaders and to provide for overall development of GILA's Construction Trades and Automotive Technology programs.
Iditarod Area School District	\$58,200	To develop and implement processes and procedures for the shared use of IASD's 9,000+ sq. ft. residential learning facility to fulfill the local and regional needs for skilled professionals. IASD has developed Career and Technical Education Programs of Study (CTEPs) for Aviation, Construction and Health Career programs that are aligned with the State CTE plan.
Juneau Borough School District	\$31,100	This project will provide training for 100+ high school students in health sciences and fisheries. It will extend career pathways training to after school classes and connect academic and industry professionals in teaching industry certifications and dual credit courses in health sciences and fisheries.
Kenai Peninsula Borough School District	\$33,295	This grant is focusing on our program of study in the areas of construction, manufacturing, and engineering, specifically for Nikiski High Middle School (NHMS), the CAD/CAM course. This course introduces the theory and application of computer programs that provide the automatic generation of CNC machine tool codes from the entry of part geometry. Operator designs and runs tool path for CNC machines in 2-1/2 D.
Kodiak Island Borough School District	\$56,300	The primary goal of this project is to build a bridge of applied learning between CTE and academic classes. This project will introduce an engineering curriculum into Kodiak Middle and High School in the form of a STEM Academy and is aligned with the Alaska State CTE plan.
Kuspuk School District	\$36,552	Local job forecast is 3000 plus mining jobs in the next few years with Donlin Gold. Kuspuk School District, and EXCEL Alaska, in collaboration with UAA CTE, will pilot the Mining Career Pathway with its 56 career occupations by hosting NCCER Core certification with welding and construction emphases.

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North Slope Borough School District	\$37,860	The goal of this project is that students will become interested in CTE STEM as Middle School students and will have courses designed and implemented when they reach high school in the Engineering and Technology pathway. This pathway will lead to skills and knowledge required for entry in the oil and gas industry.
Pribilof School District	\$25,000	Align curricula to meet current industry standards. The Young Alaskan Fisherman Training Program through AVEC and the GREENtech's, Renewable Energy lab will be provided to the students. Staff will receive AKCIS training and implement AKCIS with all students in the middle school and high schools. A work-based learning program will be implemented.
UAA - Mat-Su Campus	\$29,244	The purchase of Cisco equipment is essential to meet the industry-led curriculum changes made to the Cisco Certified Entry Networking Technician, Cisco Certified Network Associate, and Cisco Certified Network Associate Security certifications and expand on-line access and delivery of each certification. All three certifications are part of the requirements for an Associate of Applied Science degree in Computer Systems Technology.
Wrangell City School District	\$39,215	Computer Numerical Control manufacturing is a growing part of the maritime industry and by using the equipment in our shop will help our students in making them more competitive in the global market place. Students will have further guidance in career pathways, occupations, and secondary education through the use of PLCPs and AKCIS.
Yukon-Koyukuk School District	\$57,500	The Natural Resources Project (NRP) will serve high school students in 9 remote schools (85 students) with the development and implementation of a Natural Resources pathway. Courses developed will increase capacity to teach students to preserve and use the resources around them. The NRP will insure participants have a PLCP, obtain industry recognized certifications, acquire employability skills, receive work-based learning opportunities, and assure secondary and postsecondary alignment.
Yuut Elitnaurviat- People's Learning Center	\$36,469	The proposed Mining Trades Camp will expose students in the Yuut Elitnaurviat/Lower Kuskokwim School District STEM-Ready program to mining safety and mining careers that could become available in the region. The STEM-Ready program is a feeder into the ANSEP Program at UAA, which has transitional programs into the mining and gas industries statewide. The training portion of the camp will be conducted by staff at the University of Alaska's Mining and Petroleum Training Services program and is aligned with industry standards at the professional and academic levels.
TOTAL	\$615,000	