



March 4, 2022

Senate Finance Hearing – SB 111

Follow-up on Committee Member Comments

Prepared by DEED Staff

Contacts: Kollette Schroeder, DEED Legislative Liaison, kollette.schroeder@alaska.gov
Heidi Teshner, Acting Deputy Commissioner, heidi.teshner@alaska.gov
Lacey Sanders, Administrative Services Director, lacey.sanders@alaska.gov

Provide a list of Career and Technical Education (CTE) related projects that could potentially be funded with funds coming to the state.

- Support the Alaska Native Science and Engineering Program (ANSEP)
- Funds for the Department of Education and Early Development (DEED) and the Department of Labor and Workforce Development to coordinate with Alaska businesses and non-profits to increase apprenticeship and work-based learning opportunities
- Funds to work with Alaska businesses to create Alaska specific CTE pathways
- Technical skills simulators for regional and large school district programs
 - Heavy equipment operation simulators
 - Virtual welding simulators
 - Aviation ground school simulators
 - Medical patient simulators
 - Commercial driver license (CDL) simulators
- Provide professional development for Geometry in Construction and AMPED (Algebra, Manufacturing, Production, Entrepreneurship, and Design)
- Provide professional development for training English Language Arts in CTE
- Build dorms at regional training centers (i.e., Klawock VoTech Center)
- Provide stipends to school districts for career counselors
- Outfit culinary kitchens in schools with space
- Establish driver's education programs at larger/hub school districts and training centers
- Establish commercial driver license (CDL) simulators at school districts with driver's education programs
- Provide statewide professional development regarding career pathways for students and educators
- Develop a grant program to 3rd party partners for Statewide Career Technical Education Program Services (CTEPS) design and student delivery
- Provide stipends and/or contracts for Career and Technical Student Organizations (CTSO) state coordinators
- Develop a statewide database administered by DEED to collect **ALL** CTE data
- Implement a marketing initiative for the CTE purpose and benefit to students statewide
- Provide scholarships for CTE instructors, with a Type A and Type M certificate, to attend Alaska Vocational Technical Center (AVTEC) for CTE professional development opportunities

- Provide scholarships for the Prince William Sound College's (PWSC) summer institutes for CTE teachers
- Grants for school districts to develop Culturally Responsive CTEPS
- Establish a statewide coordinator for school to labor/apprenticeship coordination
- Funds to regional training organizations serving multiple school districts:
 - Northwestern Alaska Career and Technical Center (NACTEC)
 - Bristol Bay Region Career and Technical Education (BBRCTE) Program
 - Alaska EXCEL
 - Alaska Vocational Technical Center (AVTEC)
 - Klawock VoTech Center
 - Northwest Arctic (Star of the North Magnet School) (i.e., dormitory)
 - Lower Kuskokwim School District (LKSD) Ready Academy, which is a partnership between LKSD, Yuut Elitnaurviat (a regional, non-profit education and training center based in Bethel), and ANSEP
 - Kusilvak Career Academy (Lower Yukon School District and Anchorage School District provide Kusilvak Career Academy and King Tech High School options to other rural school districts students)
 - University of Alaska, Ilisagvik College, and Alaska Pacific University
- Anchorage rural hub – this is a facility that an existing organization like Alaska Safety Alliance could manage and school districts could utilize in Anchorage to expand hands-on learning and obtain industry recognized certifications for employment, and/or explore how to leverage an existing site, such as the Fairbanks Pipeline Training Center, that has dorms and is potentially being underutilized.
- An experiential career learning center or centers, accessible by all Alaskan students that is built, open, and providing an environment for career exploration across all Alaskan industries (models: Challenger Center, Oregon Museum of Science & Industry). Benchmarks for success:
 - The center provides instructor development to provide alternative approaches to classic classroom instruction;
 - The center will provide seasonal programs for student career exploration based on currently working models (i.e., ANSEP, Alaska EXCEL, Alaska Area Health Education Consortium [Alaska AHEC], Robotics, Rural Alaska Honors Institute [RAHI], Construction Academies) and measured for effectiveness; and
 - Partnerships are developed with Alaskan and Outside career centers to assure national and global relevance for career opportunities.
- Funds for Career Guides or Navigators to help secondary students explore their career options and access the resources (i.e., Free Application for Federal Student Aid [FAFSA] completion, scholarships, personal learning and career plans, available training options) to reach their education and career goals
- Pilot a CTE version of [GEAR UP](#) to compliment Perkins and for CTE capacity building to help Alaskans obtain skills for employment. This model could enhance articulation and transitions into postsecondary and to employment in quality jobs
- Increase capacity for Alaska Construction Academies related to the workforce needs the infrastructure bill will require
- Grants to incentivize business/industry sponsoring high school students with work-based learning opportunities