

University of Alaska Technical Vocational Education Program Reauthorization 2017







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To: Alaska State Legislature

From: Fred Villa, AVP in Academic Affairs for Workforce Programs

Date: January 9, 2017

Re: TVEP Reauthorization 2017

On behalf of the University of Alaska system, I would like to share information regarding the UA Technical Vocational Education Program (TVEP) and encourage your support for the reauthorization of this important legislation as a critical investment in the economic and workforce development for Alaska's future.

The Alaska Legislature established the TVEP fund in 2000 from a portion of the Unemployment Insurance receipts collected by the Alaska Department of Labor and Workforce Development. A portion of those funds are distributed to the University of Alaska, Alaska Vocational Technical Education Center (AVTEC) and other Regional Training Centers. Without reauthorization in the upcoming 30th Alaska Legislature, this funding will sunset in fiscal year 2017.

UA TVEP Investment Accomplishments

- Tripled the number of nurses produced in Alaska.
- Doubled the number of engineers graduating from the University of Alaska.
- Supported creating the Delta Advancement Center.
- Helped thousands of secondary students receive dual credit through Tech Prep programs.
- Trained hundreds of students working in oil, gas, and mining occupations.
- Created workforce development plans for the Health, Education, and Maritime industries.
- Expanded opportunities for students to attain occupational endorsements, certifications, and degree programs leading to employment in high demand-high wage careers.
- Opened opportunities for recognizing apprenticeship and competency-based training for credit towards a degree.

UA is a comprehensive and productive provider of workforce training in Alaska that has been a major recipient of TVEP funding to expand workforce development training since the program's inception. UA manages its TVEP funds as a single allocation within the UA system to initiate or enhance workforce development programs and graduates find employment upon successful completion from both credit and non-credit programs. UA's TVEP costs per student enrolled is close to \$1000 and among recipients, is one of the most efficient in utilizing the funding allocation.

Many UA programs, initially funded by TVEP, have transitioned to general funds or campus funding sources. A significant amount of funding for workforce development programs comes from base general funds, internal reallocation, initiative and seed funding. TVEP has also served as the funding source when program funding increases have been requested and the legislative appropriations were insufficient to meet the program need. For the state to reach the goal of 65 percent of Alaskans with postsecondary education and training to meet our workforce needs by 2025, TVEP will continue to be an important way for UA to develop the workforce of tomorrow, today.

Fred Villa

AVP for Workforce Programs

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University of Alaska Technical Vocational Education Program

Program Overview

The Technical Vocational Education Program (TVEP), at the University of Alaska, provides grants to high-demand career and technical education entities for industry-specific, on-the-job and classroom training.

UA invests its TVEP funds to initiate or enhance high-priority workforce development programs. The funding must meet the following criteria:

- High-demand and or regional workforce needs
- Improved persistence of educational progress
- Increased access and flexibility of training delivery
- Promote collaborative partnerships

TVEP is used for one-time capital funding, high-demand program expansion and startup of new initiatives.

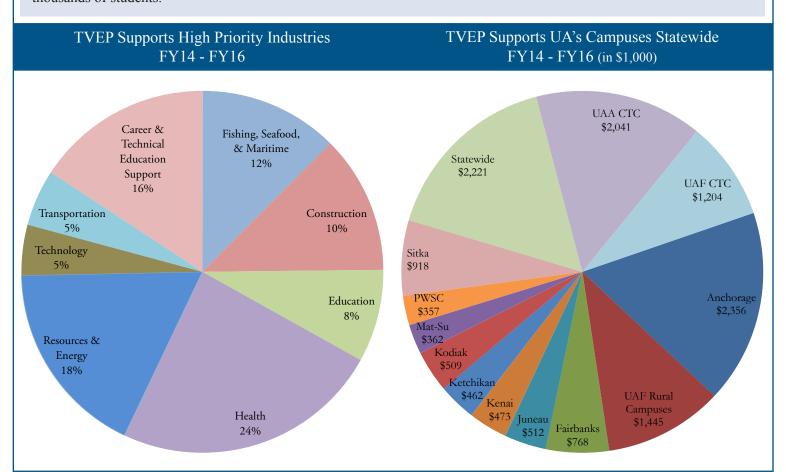
Industry advisory committees guide the university programs to ensure they meet current employer requirements and assist graduates of both credit and non-credit programs to gain employment upon successful completion.

UA TVEP funding supports these priority career clusters:

- Agriculture, Food & Natural Resources (Includes Fisheries, Energy, Environmental Science & Green Jobs)
- Architecture & Construction
- Education & Training
- · Health Sciences

- Human Services
- Manufacturing (Includes Mining & Process Technology)
- Science, Technology, Engineering & Mathematics (Includes Research)
- Transportation, Distribution & Logistics (Includes Maritime)

Programs throughout the UA System and across the state receive support annually from UA TVEP funds, impacting thousands of students.





University of Alaska Anchorage

FY16 Program Highlights

UAA College of Health is designated as the university's leader in health programs. In FY16 TVEP helped UAA carry out this mission by funding 11 health programs across various campuses to respond to this fastest growing sector and meet industry needs. Examples are:

- The Physical Therapy Assistant (PTA) program allows 12 PTAs to enter Alaska's workforce each year and is continuing to expand. The program received full accreditation through 2020.
- The Ultrasound Technology program is designed to prepare graduates for entry-level employment as diagnostic medical sonographers. Its first graduates were produced in August 2014 and currently has 25 students admitted into the program. All graduates have been offered employment upon program completion with some prior to completing their last semester of coursework.
- Kenai Peninsula College has utilized TVEP funds to upgrade equipment for their Emergency Medical Technician and Paramedic programs to maintain industry standards. Over 100 students have graduated since the program inception in 2006 and are hired by both local and remote fire departments, ambulance and flight services.

What's New



Math Emporium
An innovative and
adaptive learning model
that takes math out of
the traditional classroom
and into a high-tech
learning environment to
strengthen math learning skills.

Occupational Safety & Health (OSH)

In response to a statewide industry advisory board, the OSH program is being expanded to a bachelor's degree.



TVEP Supports UAA Campuses



Community & Technical College
Nondestructive Testing



Kodiak College Maritime Trades



Prince William Sound College Millwright



School of Allied Health Physical Therapist Assistant



Kenai Peninsula College Paramedic



Mat-Su College Computer Systems Technology

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Kachemak Bay Campus Maritime Workforce Development

UA TVEP Reauthorization 2017



University of Alaska Fairbanks

FY 16 Program Highlights

- The Bristol Bay Campus utilized TVEP funding to develop their Construction Trades Technology (CTT) program. Since its inception in 2013, they have served 932 students in CTT courses and produced 35 occupational endorsements in basic carpentry, one certificate in CTT and three occupational endorsements in facility maintenance.
- The Wildland Fire Science (WFS) program at the Interior Alaska Campus started the first university wildland fire crew in the state and second in the nation. This pilot project was a partnership between the State of Alaska Division of Forestry and UAF. Students enrolled in the WFS program selected to crew status earned an average of \$18,500 over three months of deployment.
- TVEP funded the Alaska Seafood Processing Leadership Institute (ASPLI), an intensive professional development program that produces leaders in Alaska's seafood industry and is delivered at the UAF Kodiak Seafood and Marine Science Center. The cohort included 23 students working for 11 processing companies from 14 locations around the state.

What's New



Mining Mill Operations Occupational Endorsement This new program is a first of its kind in the nation and will provide qualified technical mill operators to support Alaska's large scale mines. Graduates are expected to maintain a high level of safety and increase mine efficiencies.

Mining Mill **Operations** Commencement

The inaugural class graduated on July 29, 2016. Representatives from four major mining companies, with Alaska operations, were on-site to interview the gradu-



TVEP Supports UAF Campuses



Bristol Bay Campus Construction Trades Technology



Interior Alaska Campus Wildland Fire Science



Kuskokwim Campus Allied Health

School of Fisheries & Ocean Sciences

AK Seafood Processing

Leadership Institute



Mining and Petroleum Training Service



Northwest Campus Culture Camp for Educators



Community & Technical College Process Technology



School of Education Future Educators of Alaska

UA TVEP Reauthorization 2017



University of Alaska Southeast

FY16 Program Highlights

- The Health Information Management (HIM) program at the Sitka Campus produced 14 HIM Associate of Applied Science degrees, 13 Coding Specialist Certificates, 8 Privacy and Security Certificates, 16 Health Information Technology Occupational Endorsements and 16 students completed professional development telehealth courses.
- The U.S. Coast Guard approved Marine Transportation program
 is delivered by the Ketchikan Campus. In FY16, they 57 trained
 commercial vessel captains, 225 students received required
 entry-level training to serve in all positions of the Alaska Marine
 Highway and 74 Southeast Alaska Pilots, Marine Highway
 Captains and Mates obtained radar certifications.
- The Tech Prep program provides students in Southeast Alaska access to college courses at a lower cost in critical job markets that strengthen the local economy. For example, the Introduction to Mining course is successful in connecting students to summer internships, employment opportunities and scholarships to continue their education. Twenty-nine percent of high school graduates in the Tech Prep program continue with a program of study at UAS.

What's New

A Course in an iPad

In 2014 the Fisheries Technology program used innovative teaching technology to make all classes available on iPads. All lectures, reading materials, videos, frequently asked questions and even exams are loaded on the iPad, so coursework can be taken to a remote location without internet access.



Fish Tech e-Learning Students in the Field

Although coursework is completed online or through an iPad, students gain experience in the theory behind fish culture, maintenance of facilities, feeding systems, sampling procedures, and water quality monitoring during a hands-on lab.



TVEP Supports UAS Campuses

Juneau Campus Tech Prep



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Ketchikan Campus Maritime Multiskilled Worker

Sitka Campus Health Information Systems





Ketchikan Campus Marine Transportation

Appendices

Alaska Health Workforce Coalition Resolution 2016-1



Resolution in Support of Reauthorization of the Technical Vocational Education Program (TVEP)

WHEREAS, the current and future Alaska workforce will require training and continuing education to be competent and competitive; and

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Program Fund to provide grants to technical and vocational education entities to provide industry specific training, on-the-job training and classroom job linked training; and

WHEREAS, the University of Alaska, AVTEC and other designated Regional Training Centers have been recipients of Technical Vocational Education Program funding and utilizes the funds to deliver hundreds of training programs to thousands of secondary and postsecondary students throughout the state of Alaska each year resulting in graduates for Alaska's jobs; and

WHEREAS, TVEP investments are aligned with priority industries established by the Alaska Workforce Investment Board; and

WHEREAS, the University of Alaska workforce development priorities include recognition of economic and community development, career pathways and high demand jobs as endorsed by University of Alaska Statewide Academic Council; and

WHEREAS, there is a competitive process in place to ensure TVEP funding is awarded to appropriate, highest priority programs; and

WHEREAS, the University of Alaska, AVTEC, and other designated Regional Training Centers partner with employers and industry, other providers and high schools to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Education Program funding is due to sunset in June 2017;

NOW THEREFORE BE IT RESOLVED that partner members of the Alaska Health Workforce Coalition urge the Legislature and the Governor to support the reauthorization of the Technical Vocational Education Fund; and

BE IT FURTHER RESOLVED that these Alaska Health Workforce Coalition partners encourage the Legislature and the Governor to support current Technical Vocational Education Fund allocations to the University of Alaska, AVTEC and other designated Regional Training Centers.

PASSED AND ADOPTED by the Alaska Health Workforce Coalition this 8th day of December, 2016.



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Resolution 2017-1

A Resolution in Support of Reauthorization of the Technical Vocational Education Program Fund

WHEREAS, current and future workforce needs require continued education and training to stay competitive; and

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Fund to provide grants to technical and vocational education entities to provide industry specific training, on-the-job training and classroom job linked training; and

WHEREAS, the University of Alaska and the regional training centers have been recipients of Technical Vocational Education Program funding and utilize the funds to deliver hundreds of education and training programs to more than 11,000 students throughout the state of Alaska resulting in graduates for Alaska's jobs; and

WHEREAS, the TVEP investments are aligned with priority industries established by the Alaska Workforce Investment Board; and

WHEREAS, the UA workforce development priorities include recognition of economic and community development, career pathways and high demand jobs as endorsed by University of Alaska Statewide Academic Council; and

WHEREAS, the University of Alaska partners with employers and industry and other providers to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Education Program funding is due to sunset in June 2017;

NOW THEREFORE BE IT RESOLVED that the <u>Alaska Miners Association</u> urges the Legislature and the Governor to support the reauthorization of the Technical Vocational Education Fund; and

BE IT FURTHER RESOLVED that the <u>Alaska Miners Association</u> encourages the Legislature and the Governor to support current Technical Vocational Education Fund allocations to the University of Alaska and the regional training centers in the state.

PASSED AND ADOPTED by the Alaska Miners Association HR Committee this 1st day of December, 2016.



Resolution 2016-04

Alaska Process Industry Careers Consortium

RESOLUTION IN SUPPORT OF REAUTHORIZATION OF ALASKA TECHNICAL VOCATIONAL EDUCATION PROGRAM (TVEP) FUNDS

WHEREAS, current and future workforce needs require continued education and training to stay competitive; and

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Program (TVEP) Fund to provide grants to technical and vocational education entities to provide industry specific training, on-the-job training, and classroom job-linked training as part of a statewide vocational training system; and

WHEREAS, the University of Alaska (UA), Ilisagvik College and Alaska's regional training centers have been recipients of TVEP funding and utilize the funds to deliver education and training programs aligned to regional workforce demands to more than 4,000 students throughout the state of Alaska resulting in graduates for Alaska's jobs; and

WHEREAS, the TVEP investments are aligned with priority industries established by the Alaska Workforce Investment Board; and

WHEREAS, the UA workforce development priorities include recognition of economic and community development, career pathways, and high demand jobs as endorsed by University of Alaska Statewide Academic Council; Ilisagvik College and regional training centers include priorities aligned with regional workforce needs, and

WHEREAS, the University of Alaska, Ilisagvik College and regional training centers partner with employers and industry and other providers to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Education Program funding is due to sunset in June 2017;

NOW THEREFORE BE IT RESOLVED that the Alaska Process Industry Careers Consortium urges the Legislature and the Governor to support the reauthorization of the Technical Vocational Education Program Fund; and

BE IT FURTHER RESOLVED that the Alaska Process Industry Careers Consortium encourages the Legislature and the Governor to support current Technical Vocational Education Program Fund allocations to the University of Alaska, Ilisagvik College and the regional training centers in the state.

CERTIFICATION

The Alaska Process Industry Careers Consortium Board of Directors held a vote on November 30, 2016, to convey support for reauthorization of Alaska Technical Vocational Education Program Fund, and the foregoing Resolution 2016-04 was adopted unanimously.

Signed this

day of December, 2016.

Craig Crawford, Chair

Alaska Process Industry Careers Consortium (APICC)

Distribution: APICC Board of Directors, Alaska Legislature, Alaska Department of Labor and Workforce Development.

Alaska Business Education Compact Resolution 2016-1

A Resolution in Support of Reauthorization of the Technical Vocational Education Program Fund

WHEREAS, current and future workforce needs require continued education and training to stay competitive; and

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Fund to provide grants to technical and vocational education entities to provide industry specific training, onthe-job training and classroom job linked training; and

WHEREAS, the University of Alaska and the regional training centers have been recipients of Technical Vocational Education Program funding and utilize the funds to deliver hundreds of education and training programs to thousands of students throughout the state of Alaska resulting in graduates for Alaska's jobs; and

WHEREAS, the TVEP investments are aligned with priority industries established by the Alaska Workforce Investment Board; and

WHEREAS, the UA workforce development priorities include recognition of economic and community development, career pathways and high demand jobs as endorsed by University of Alaska Statewide Academic Council; and

WHEREAS, the University of Alaska and regional training centers partner with employers, industry and other providers to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Education Program funding is due to sunset in June 2017;

NOW THEREFORE BE IT RESOLVED that the Alaska Business Education Compact urges the Legislature and the Governor to support the reauthorization of the Technical Vocational Education Fund; and

BE IT FURTHER RESOLVED that the Alaska Business Education Compact encourages the Legislature and the Governor to support current Technical Vocational Education Fund allocations to the University of Alaska and the regional training centers in the state.

PASSED AND ADOPTED by the Alaska Business Education Compact this 14th day of December, 2016.



RESOLUTION NUMBER 16-08

RESOLUTION IN SUPPORT OF THE REAUTHORIZATION OF THE TECHNICAL VOCATIONAL EDUCATION PROGRAM (TVEP)

Whereas, the current and future workforce of Alaska needs continuing education and training to remain competitive in the job markets of today and tomorrow;

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Fund to provide grants to technical and vocational education entities to provide industry specific training, on-the-job training and classroom job linked training; and

WHEREAS, the University of Alaska has been a recipient of Technical Vocational Education Program funding and utilizes the funds to deliver hundreds of education and training programs to more than 4,000 students throughout the state of Alaska resulting in graduates for Alaska's jobs; and

WHEREAS, the University of Alaska TVEP investments are aligned with priority industries established the Alaska Workforce Investment Board; and

WHEREAS the University of Alaska workforce development priorities include recognition of economic and community development, career pathways and high demand jobs as endorsed by University of Alaska Statewide Academic Council; and

WHEREAS, the university of Alaska partners with employers and industry and other providers to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Educational Program funding is due to sunset in June 2017.

NOW THEREFORE BE IT RESOLVED that the Fairbanks Pipeline Training Center Trust urges the Legislature and the Governor to support the reauthorization of the Technical Vocational Education Fund; and

BE IT FURTHER RESOLVED that the Fairbanks Pipeline Training Center rust encourages the Legislature and the Governor to support current Technical Vocational Education Fund allocation to the University of Alaska.

PASSED AND ADOPTED by the Fairbanks Pipeline Training Center Trust Board of Trustees on this 6th day of December, 2016.

Bob Hubbard

Chair



Resolution 2016-1

A Resolution in Support of Reauthorization of the Technical Vocational Education Program Fund and Allocation to the University of Alaska

WHEREAS, current and future workforce needs require continued education and training to stay competitive; and

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Program (TVEP) to provide grants to technical and vocational education entities to provide industry specific training, on-the-job training and classroom job linked training; and

WHEREAS, the University of Alaska has been a recipient of TVEP funding and utilizes the funds to deliver hundreds of education and training programs to more than 5000 secondary and postsecondary students throughout the state of Alaska resulting in graduates for Alaska's jobs; and

WHEREAS, the University of Alaska TVEP investments are aligned with priority industries established by the Alaska Workforce Investment Board; and

WHEREAS, the University of Alaska workforce development priorities include recognition of economic and community development, career pathways and high demand jobs as endorsed by University of Alaska Statewide Academic Council; and

WHEREAS, the University of Alaska partners with employers and industry, other providers and high schools to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Education Program funding is due to sunset in June 2017;

NOW THEREFORE BE IT RESOLVED that the Mining and Petroleum Training Service (MAPTS) urges the Legislature and the Governor to support the reauthorization of the TVEP; and

BE IT FURTHER RESOLVED that MAPTS encourages the Legislature and the Governor to support current TVEP allocations to the University of Alaska.

PASSED AND ADOPTED by MAPTS this 15 day of November 2016.



Resolution 2016-01 Maritime Works Leadership Council

RESOLUTION IN SUPPORT OF REAUTHORIZATION OF ALASKA TECHNICAL VOCATIONAL EDUCATION PROGRAM (TVEP) FUNDS

WHEREAS, current and future workforce needs require continued education and training to stay competitive; and

WHEREAS, the Alaska State Legislature established the Technical Vocational Education Program (TVEP) Fund to provide grants to technical and vocational education entities to provide industry specific training, on-the-job training, and classroom job-linked training as part of a statewide vocational training system; and

WHEREAS, the University of Alaska (UA), Ilisagvik College and Alaska's regional training centers have been recipients of TVEP funding and utilize the funds to deliver education and training programs aligned to regional workforce demands to more than 4,000 students throughout the state of Alaska resulting in graduates for Alaska's jobs; and

WHEREAS, the TVEP investments are aligned with priority industries established by the Alaska Workforce Investment Board; and

WHEREAS, the UA workforce development priorities include recognition of economic and community development, career pathways, and high demand jobs as endorsed by University of Alaska Statewide Academic Council; Ilisagvik College and regional training centers include priorities aligned with regional workforce needs, and

WHEREAS, the University of Alaska, Ilisagvik College and regional training centers partner with employers and industry and other providers to offer education and training programs that meet industry and occupational needs throughout the state of Alaska; and

WHEREAS, the Technical Vocational Education Program funding is due to sunset in June 2017;

NOW THEREFORE BE IT RESOLVED that the Maritime Works Leadership Council urges the Legislature and the Governor to support the reauthorization of the Technical Vocational Education Program Fund; and

BE IT FURTHER RESOLVED that the Maritime Works Leadership Council encourages the Legislature and the Governor to support current Technical Vocational Education Program Fund allocations to the University of Alaska, Ilisagvik College and the regional training centers in the state.

CERTIFICATION

The Maritime Works Leadership Council held a vote on December 5, 2016, to convey support for reauthorization of Alaska Technical Vocational Education Program Fund, and the foregoing Resolution 2016-01 was adopted unanimously.

Signed this

day of December, 2016.

Julie Decker, Chair

Maritime Works Leadership Council (MWLC)

Ih

Department of Labor and Workforce Development FY2016 TVEP Distribution

Prepared September 8, 2014

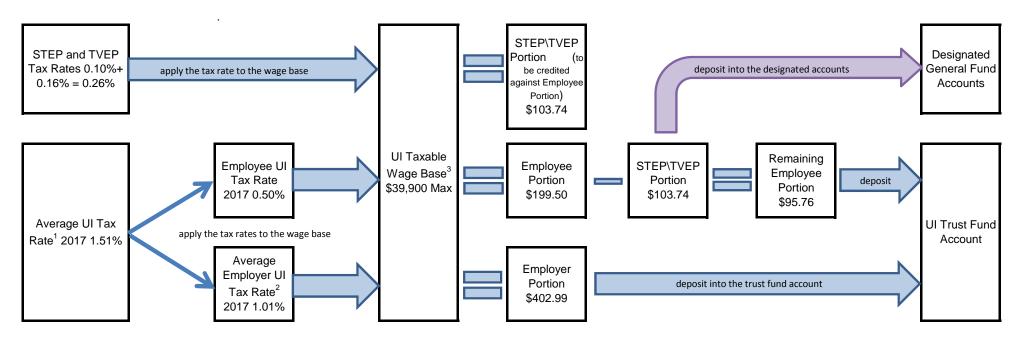
Entity	Old Percent	FY2014 Distribution	New Percent	FY2015 Distribution				Y2016 Gov Change fro	
University of Alaska	45%	4,842.0	45%	\$	5,226.9	\$	5,630.0	\$	403.1
University of Alaska Southeast	5%	538.0	0%	\$	-	\$	-	\$	-
Galena Interior Learning Academy	4%	430.4	4%	\$	464.6	\$	500.4	\$	35.8
Alaska Technical Center	9%	968.4	9%	\$	1,045.4	\$	1,126.0	\$	80.6
Alaska Vocational Technical Center	17%	1,829.2	17%	\$	1,974.5	\$	2,126.9	\$	152.4
Northwestern Alaska Career and Technical Center	3%	322.8	3%	\$	348.5	\$	375.3	\$	26.8
Southwest Alaska Vocational and Education Center	3%	322.8	3%	\$	348.5	\$	375.3	\$	26.8
Yuut Elinaurviat, Inc. People's Learning Center	9%	968.4	9%	\$	1,045.4	\$	1,126.0	\$	80.6
Partners for Progress in Delta, Inc.	3%	322.8	3%	\$	348.5	\$	375.3	\$	26.8
Amundsen Educational Center	2%	215.2	2%	\$	232.3	\$	250.2	\$	17.9
Ilisagvik College	0%	0.0	5%	\$	580.8	\$	625.5	\$	44.7
Total	100%	\$ 10,760.0	100%	\$	11,615.4	\$	12,510.9	\$	895.5

TVEP funds are distributed to institutions based on the allocation outlined in AS 23.15.835(d).

State of Alaska UI/STEP/TVEP Tax Flow Chart:

Unemployment Insurance (UI) State Training and Employment Program (STEP) Technical and Vocational Education Program (TVEP)

The STEP and TVEP tax rates are set in statute (AS 23.15.630 and AS 23.15.835 respectively) and are applied to the annual UI taxable wage base. The amount of STEP and TVEP revenue is not affected by the UI tax rate. For further information please contact Lennon Weller (465-4507). The calculations provided below are per employee, assume the maximum wage for 2017, and are based on the 2017 UI tax rate.



- 1) The UI tax rate is calculated each year to ensure solvency of the trust fund account and cover benefit payments.
- 2) The exact employer tax rate varies by employer. The rate provided above is the average employer UI tax rate (Rate Classes 10 & 11). For more information please reference the UI Tax Calculation Cookbook (http://labor.alaska.gov/research/uiprog/Tax_Cookbook.pdf).
- 3) The UI maximum taxable wage base per employee is calculated each year as 75% of the average annual wage in Alaska (AS 23.20.175).

Further reference materials:

2015 UI Actuarial Study and Financial Handbook

UI Tax Calculation Cookbook