

The background of the entire page is a photograph of the Aurora Borealis (Northern Lights) over a snowy, mountainous landscape at night. A yellow tent is visible in the foreground, illuminated from within. The aurora displays vibrant green, purple, and blue hues against a starry sky.

Technical and Vocational Education Program Report

State Fiscal Year 2023

A report prepared for the Alaska Legislature
and the Alaska Workforce Investment Board
by the Alaska Department of Labor and Workforce Development

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ON THE COVER: *Under the aurora borealis*, by Mike Goad

Introduction

The Technical Vocational Education Program, established by legislation in 2000, distributes training funds to technical and vocational education entities across Alaska's six economic regions. TVEP funds come from a percentage of employee unemployment insurance contributions allocated to specific institutions in accordance with Alaska Statute 23.15.835.

With the exceptions of University of Alaska, AVTEC, and Galena Interior Learning Academy, institutions must submit a grant application to the Alaska Department of Labor and Workforce Development's Alaska Workforce Investment Board to receive TVEP funds each fiscal year.

The institutions must use these funds for technical and vocational training programs and services that align with regional workforce demands and the AWIB's priority industries and state capital improvement projects.

The institutions must have a military credit policy in place for the acceptance of credit or hours toward a degree or technical program, and an articulation agreement under which high school students may earn dual credit upon completion

of a vocational education course. Subsequently, TVEP grant recipients must provide program and financial reports and requests for reimbursement to the AWIB on a monthly basis as well as participant data, which the department uses to report performance.

During the reauthorization of the TVEP distribution in the 2021 regular legislative session, the Alaska Legislature requested a financial audit of the program over the three years that followed to determine the success of the program. The audit began in April 2023 and is scheduled to be complete before the next legislative session.

In FY 2023, TVEP funding totaled \$13,705,200. That amount was allocated directly in the percentages and to the institutions shown below. The table includes the number of participants the TVEP funds served.

The training institution overviews that begin on page 7 are based on the FY 2023 program activities recipients reported directly and include training programs, partners, regional economic impacts, yearly accomplishments, and information about new and future endeavors.

TVEP Allocations	% of TVEP Allocation	Grant Amount	# of Adults Served	# of High School Students Served	Total # of Participants
Alaska Vocational Technical Center (AVTEC)	17%	\$2,329,900	1,170	166	1,336
Alaska Technical Center	9%	\$1,233,500	85	5	90
Amundsen Educational Center	2%	\$274,100	5	0	5
Galena Interior Learning Academy	4%	\$556,800	0	211	211
Ilisaġvik College	5%	\$685,300	799	89	888
Northwestern Alaska Career and Technical Center (NACTEC)	3%	\$411,200	27	233	260
Partners for Progress in Delta	3%	\$411,200	90	105	195
Southwest Alaska Vocational and Education Center (SAVEC)	3%	\$411,200	175	8	183
Yuut Elitnaurviat	9%	\$1,233,500	470	46	516
University of Alaska	45%	\$6,167,300	3,550	1,294	4,844

Overview of Economic Regions

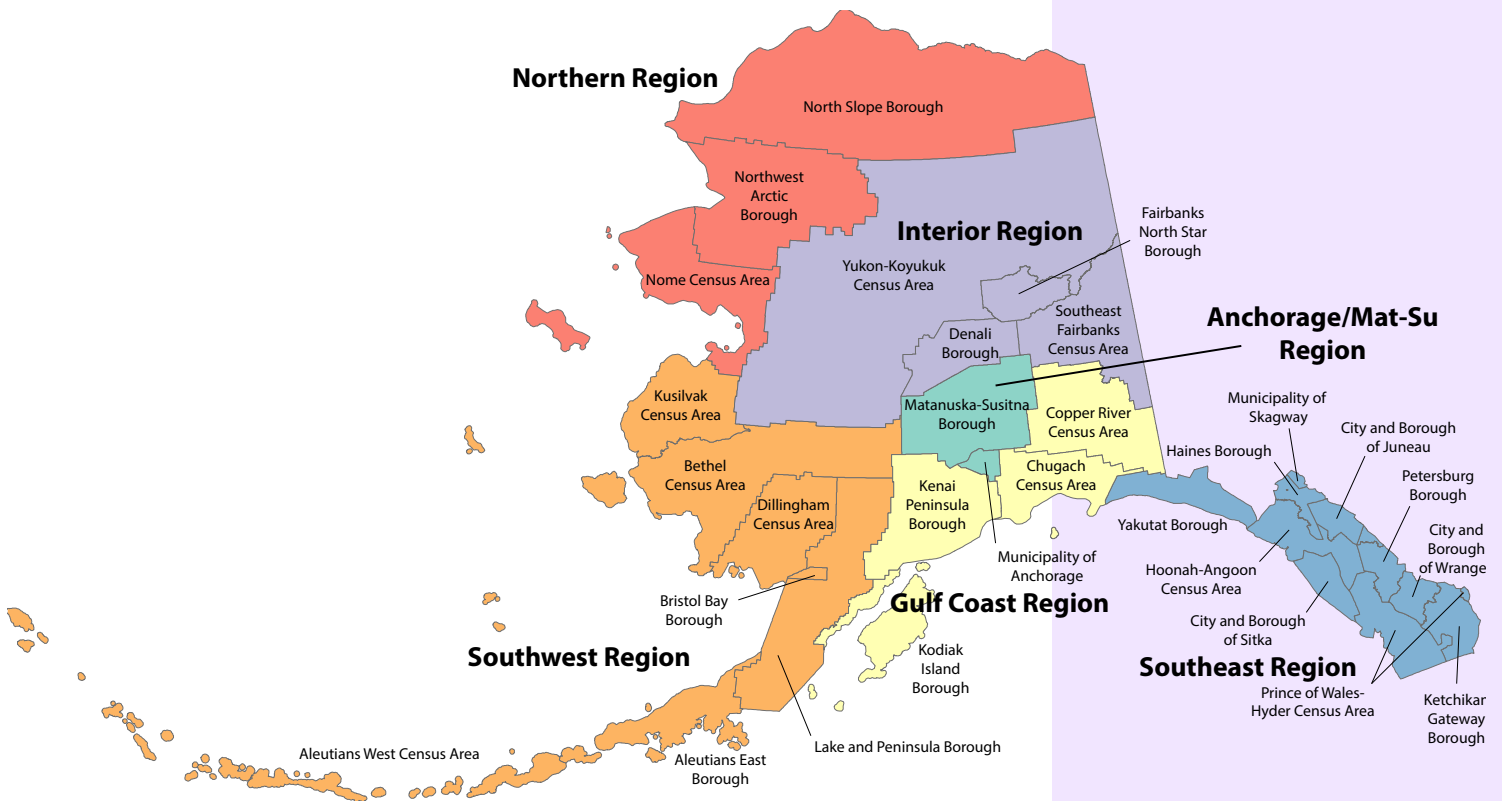
Each of Alaska's six economic regions (Northern, Interior, Southwest, Anchorage/Matanuska-Susitna, Gulf Coast, and Southeast) has one or more TVEP recipients and a university campus, postsecondary institution, or regional training center whose role is to help students and adults get the education and training they need to work in the region and the state.

This section of the report provides an overview of Alaska's economy and each of the regions, plus the outlook for the state's overall employment and industries in both the short and long term.

Structure of Alaska's Economy

Alaska ranks 48th among states for population but is easily the largest geographically. The state's 570,641 square miles of land make up 16 percent of the U.S. total. For the U.S. as a whole, there are 92 people per square mile; Alaska has 1.3.

Alaska's economy is heavily dependent on oil and gas and other resource extraction industries and the federal government, including multiple military bases and installations. Alaska also has more veterans per capita than any other state.



Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

Two other major basic sector industries — those that inject new money into the state’s economy by providing goods or services to outside consumers — are fishing and tourism.

Alaska has especially high concentrations of employment in natural resources and mining, at more than 3.5 times the national average. It has at least slightly higher concentrations in construction, utilities, and transportation and warehousing. The state has lower-than-average employment concentrations in manufacturing, financial activities, and professional and business services compared to the U.S. overall.

The economies and job markets in the Anchorage/Mat-Su, Gulf Coast, and Southeast regions roughly mirror statewide patterns, with declines in any of the state’s major industries having either direct or ripple effects.

Fairbanks, the largest part of the Interior Region by population and job counts, also has a mix of current and projected employment that resembles the state as a whole.

Outlook for jobs and industries

Alaska’s recovery from pandemic-related job losses has been slower than most states. Through the first half of 2023, Alaska’s job count was still 2.7 percent below pre-COVID levels and only Hawaii had further to go. Also, before the pandemic, only West Virginia and Wyoming had seen bigger declines than Alaska in their working age (18-64) populations.

Similar to the U.S., Alaska job openings reached record highs in 2021 and 2022, and remain elevated in 2023. In Alaska’s case, demographic factors make that likely to persist for at least the medium-term. Birth rates have declined, death rates have increased with an older population, and the state recorded its 10th consecutive year of negative net migration in 2022 (more people leaving the state than arriving).

Beneath all that, Alaska’s economic drivers look relatively solid, with the possible exception of oil and gas. The large and economically important federal government, including the military, will continue to provide a substantial number of high-wage jobs and significant funding for Infrastructure Act projects, among others.

Commercial fishing faces challenges and disruptions, including the closure of the important snow crab fishery for the 2022-2023 season and a near-collapse of several salmon fisheries in the Yukon Delta, but in the aggregate it will continue to be a powerful economic force for the state.

Tourism recorded a strong year in 2023 as it continued to recover from two rough years in 2020 and 2021, and we expect tourism growth to continue.

Mineral and metal mining are projected to be among the fastest-growing industries over the next decade.

Alaska’s state government continues to struggle with stabilizing its revenue streams and, consequently, the stability it can offer some of the state’s critical institutions. The state will eventually have to settle politically difficult questions, such as: 1) whether it can continue to pay Permanent Fund Dividends to every resident of the state, and if so, at what level; 2) whether it will have to reintroduce an income tax or introduce some other broad-based tax now that oil-related revenue has shrunk substantially; and 3) whether more budget cuts should be implemented. Until that is done, Alaska will remain at a relative disadvantage to other states.

Gulf Coast and Southeast

Although parts of the Gulf Coast and Southeast regions are isolated and rural, as a whole they contain a mix of jobs not dramatically different from the statewide pattern.

Coastal areas have more opportunities in fishing and fishing support industries, for example, but strong health care growth is likely wherever there are stable or growing populations. Similarly, the mix of government and private sector support jobs (in stores, restaurants and bars, construction, transportation, etc.) does not differ markedly between areas with population centers of 10,000 or more.

Northern Region

The Northern Region is home to most of the state’s large oil and gas industry and includes the Red Dog Mine, one of the world’s largest zinc mines.

Because North Slope workers typically work a schedule close to two weeks on and two weeks off, they stimulate spending and employment wherever those workers live when oil and gas activity picks up and a corresponding reduction in those jobs when it falls.

There are almost no permanent population centers close to oil and gas fields. The Northern Region's largest city is Utqiagvik, with about 4,500 people, but it is 200 miles away from the center of oil field activity and not connected by road.

Southwest Region

The Southwest Region depends heavily on fishing. The region supplies a large percentage of the nation's total commercial fish harvest by both poundage and value. Its Bristol Bay sockeye salmon, Bering Sea crab, and pollock harvests represent some of the largest salmon, crab, and whitefish fisheries in the world.

Fishing is largely missing from wage and hour employment data because permit holders and their crew are considered self-employed. They are not subject to state unemployment insurance coverage and the mandatory reporting from which we collect the most reliable employment data. What the employment data do show, however, is a large number of seafood processing jobs and the roughly typical mix of government, health care, retail, construction, and restaurant/bar employment that result from economic base industries such as the area's fisheries.

Two census areas in the region — Bethel and Kusilvak — have some of the state's and nation's highest unemployment rates among county equivalents. Jobs in these areas are primarily connected to local government and to the support jobs that exist wherever populations cluster, including health care and retail jobs and a certain number of construction and transportation jobs. Unlike the southern parts of the region, the area does not profit substantially from commercial fish harvests.

Interior Region

The Interior Region has a mix of resource industries — large coal and gold mines, for example — and is also home to Denali National Park, which generates a large number of seasonal jobs and a handful of year-round jobs.

Fairbanks, with a borough population of nearly 100,000, depends heavily on the military and the University of Alaska Fairbanks. Fort Wainwright, an Army post, and Eielson Air Force Base are home to 8,200 active duty military and an additional 9,500 dependents. As noted above, military investment in the Fairbanks area is one of the bright spots for the state's economy.

The military and the university create significant demand for goods and services in the community and state. At the industry and occupational levels, existing demand is similar to the state-wide pattern: 1) especially high demand for health care workers, and 2) demand across the rest of the industry and occupational spectrum that's roughly similar to population trends.

Performance Measures Summary

The Department of Labor and Workforce Development's Research and Analysis Section matched information provided by TVEP recipients about the participants who exited a program during the prior state fiscal year 2021 (July 1, 2020 through June 30, 2021) to unemployment insurance wage records to determine employment outcomes.

The performance outcomes are based on the measures in AS 23.15.835(e). This report includes outcomes for these two measures:

1. Percentage of former participants who have a job one year after leaving the training program
2. Median wage (see the table footnotes) of former participants employed seven to 12 months after leaving the program

For additional context, we have included median wage and the percent employed at any time in the year after exiting training.

Institution	% Employed 1 Yr After Exit	% Employed 1-12 Mths After Exit	Median Wage 7-12 Mths After Exit*	Median Wage 1-12 Mths After Exit**
Alaska Vocational Technical Center (AVTEC)	65.7%	79.1%	\$15,912	\$31,824
Alaska Technical Center	71.9%	78.1%	\$14,084	\$28,167
Amundsen Educational Center	50.0%	75.0%	ND	ND
Galena Interior Learning Academy	32.7%	57.7%	\$1,094	\$2,188
Illisagvik College	77.5%	88.2%	\$31,248	\$62,496
Northwestern Alaska Career and Technical Center (NACTEC)	34.5%	49.2%	\$4,520	\$9,041
Partners for Progress in Delta	42.6%	52.7%	\$8,265	\$16,529
Southwest Alaska Vocational and Education Center (SAVEC)	64.9%	78.4%	\$14,556	\$29,112
Yuut Elitnaurviat	54.5%	73.4%	\$5,790	\$11,579
University of Alaska	68.7%	78.8%	\$21,646	\$43,291

*This is the median wage earned over the six-month period after exiting training.

**This is the annualized median wage earned at any point in the year after exiting training. Annualized wages are the median 7-12 month wage times 2.

†The Fairbanks Pipeline Training Center receives pass-through funding based on a fiscal note accompanying the 2008 TVEP reauthorization.

ND = Not disclosable. Wages are suppressed for confidentiality reasons when the number employed is less than five.

Notes: Employment and earnings outcomes are measured using the Alaska wage record information employers provide each quarter for wage and salary workers. Because these records exclude workers who are self-employed, federal, military, or employed out of state, these figures should be viewed as conservative measures of participant outcomes.

Alaska Vocational Technical Center (AVTEC), Seward

The Alaska Vocational Technical Center (AVTEC) is located in Seward in the Gulf Coast Region. As the largest multidisciplinary postsecondary vocational training center in Alaska, AVTEC's mission is to give Alaskans the occupational, technical, and employability skills Alaska's six economic regions need.

AVTEC's program development and student placement are tightly connected to employer partners through advisory committees that place students into jobs and ensure AVTEC curriculum contains the skills and knowledge they expect from new hires.

Training Programs

- Alaska Maritime Training Center (25 in person and 23 online U.S. Coast Guard courses)
- Business and Office Technology
- Construction Technology
- Culinary Arts
- Diesel Heavy Equipment Technology
- Industrial Electricity
- Industrial Welding
- Information Technology
- Plumbing and Heating
- Refrigeration
- Related Studies (Related technical instruction for registered apprenticeship)

Articulation Agreements

The AVTEC Information Technology Department (Networking and Office Support), as well as Business and Office Technology, have an articulation agreement with the University of Alaska Fairbanks Community and Technical College.

AVTEC also has an agreement with the University of Alaska Southeast in Ketchikan for maritime licenses that articulate into the AAS in Marine Transportation.



Success Story: Nathaniel "Mik" Ayuluk, Bethel

Nathaniel "Mik" Ayuluk graduated from AVTEC's Business and Office Technology program in December 2021. Before graduating, he was hired as a purchasing clerk by the Association of Village of Council Presidents in Bethel, where he has continued to take on additional duties and responsibilities. He was recently promoted to accounting specialist.

In a recent message to his instructors, Ayuluk expressed his appreciation for the training and support he received at AVTEC, saying that if it weren't for AVTEC, he wouldn't be where he is today. He thanked AVTEC for continuing to equip students and alumni with the tools and skills they need to find jobs and better their lives. "Keep on keeping on with all your help and training for students to come, as well as alumni!"

FY 23 Partners

- Alaska Department of Education and Early Development
- Alaska Energy Authority
- Alaska Safety Alliance
- Alaska Marine Highway System
- Alaska Operators Union Local 302
- Boilermakers Local 502

- Bristol Bay Native Corporation
- Calista Corporation
- Catalyst Marine
- City of Seward
- ConocoPhillips/Polar Tankers
- Construction Machinery Industrial, LLC
- Cook Inlet Tribal Council
- Coeur Alaska
- Crowley Maritime Corporation
- Edison Chouest Offshore
- Greens Creek Mining
- Holland America Princess
- IBEW 1547
- JAG Alaska
- Kenai Peninsula Economic Development District
- Kinross Gold Corporation
- Marathon Petroleum
- National Center for Construction Education and Research
- National Electrical Contractors Association
- NACTEC
- Plumbers and Pipefitters Local 367
- Piledrivers and Divers Union Local 2520
- Port of Anchorage/Anchorage Municipality
- Southeast Pilots Association
- Seward Chamber of Commerce
- Southwest Pilots Association
- U.S. Dept of Labor, Office of Apprenticeship
- United States Coast Guard
- University of Alaska: UAS Southeast Maritime Training Center and UAF Community and Technical College

Regional Impacts

- Students come to AVTEC from every economic region; upon completing their training, they return to their communities in their respective regions to work and support the economy through their employment.
- TVEP funds impact the Gulf Coast Region, specifically Seward where the school is located, through direct spending of more than \$800,000 per year for the school's operation.
- AVTEC's Student Services Building also serves as a Seward community center and has hosted several events including the Community Health Fair.
- The City of Seward hosts the annual Mount Marathon Race on the 4th of July. The Mount Marathon Race Committee uses the Student Services Building for participants to shower and to hold the evening awards ceremony.
- AVTEC family apartments and the 4th Avenue dormitory rooms are available for rent to the State of Alaska and other public sector organizations to house temporary employees, research associates, and interns. This enables the Department of Corrections, through Spring Creek Prison, to rent out 18 rooms to correction officers who are working at the prison as a temporary duty station. This eases DOC's staffing shortage.
- AVTEC rents out the Student Services Center to the Seward Parks and Recreation Department for Seward residents to use.

Capital Improvements

Capital improvements continue to move slowly. It hasn't yet impacted our training but it has required us to take other measures to ensure the comfort and safety of our staff and students.

- Much of the focus over the last fiscal year was on replacing the water heaters and boilers in the Student Services Building, which also serves the dormitories. These are critical to AVTEC's ability to provide safe and comfortable training. We have now replaced the water heaters, and boiler construction was completed in fall 2023.
- The pipe welding shop renovation to address the poorly designed ventilation system was completed on Sept. 30, 2022.
- We completed the installation of fire alarm sensors and panels across campus, focusing mainly on the Student Services Building and the Industrial Electricity Building.
- Ongoing projects include installing a generator at the I.T. building to keep our servers running properly during power outages and maintaining air conditioning for those servers. We poured the generator pad in September 2022 and the generator was delivered this fall and has been installed.
- In the spring of 2023, we switched our capital improvements focus to the Industrial

Electricity Program Building. We received \$3.2 million in grant funding through the annual facilities maintenance program in FY 22. In May and June, STANTEC began the planning and design phase. Potential improvements include the roof, walls, boiler system, and flooring.

- We received FY 23 funds to fix leaks in the student dormitories. We are waiting for the Student Services boiler installation to finish before continuing work on the dormitories.
- We received FY 24 deferred maintenance funds to fix roof leaks in the First Lake Building. The FLB hosts most maritime training programs and the Business and Office Technology program as well as the administrative staff and business office.
- We are working with the Alaska DOT&PF and STANTEC on an updated assessment for refurbishing the old applied tech building. STANTEC completed the first phase of photos and is working on a cost estimate.

FY 23 Accomplishments

- AVTEC hosted the students from the Alaska EXCEL program; nearly 60 students lived on the AVTEC campus in June and participated in a variety of training including aviation, welding, diesel mechanic, and other topics of interest to the students. Alaska EXCEL students participate in AVTEC training while on campus.
- We offered an Information Technology

Bootcamp to support pre-apprenticeship training for IT. Seven participated and completed the camp and at least four passed the A+ credential exam. This coursework and exam are industry standard and part of the related technical instruction for the IT apprenticeship program.

- We developed customized training for the first employer/AVTEC training partnership. Trident Seafoods is enrolling students in short courses and long training to upskill or reskill their incumbent workforce.

The Year Ahead

- We will expand AVTEC's apprenticeship services with a facilities maintenance apprenticeship. AVTEC will recruit employer partners, develop curriculum in line with industry demands, run the apprenticeship, and offer the related technical instruction.
- We will launch a Yamaha mechanic training center in collaboration with the University of Alaska Anchorage Kenai River Campus, the Prince William Sound College, and the Alaska Safety Alliance. We will also pilot a high school Introduction to Outboard Systems class at Petersburg High School that can be replicated in other high schools across the state and feed the pipeline into the Yamaha technician training.
- In response to a survey of marine employers, we will expand marine electronics and marine electrical training and relaunch the Vessel Maintenance and Repair training program.

Alaska Technical Center, Kotzebue

Success Story: Maggie Melton, Kotzebue

Maggie is a 2023 graduate of the Culinary Arts program and the recipient of the Pimmagik Award.

“Pimmagik” means one who is willing and does the job with care and precision. This person shows high quality in the work he/she does. In life and in the workplace, we admire, take pride in, and share in the benefits of those who pimmagik. This award is presented to an ATC graduate who demonstrates those values while completing their academic and vocational programs.

Her instructor writes, “Maggie came back to ATC for more advanced culinary training. She quickly showed her skills in the kitchen. Not only is Maggie engaged and dedicated to cooking, she has been a leader in our class. Maggie is always first to prep a recipe and is never afraid to taste new foods. From lamb to scallops, Maggie has her taste buds and food palate ready to go. Any food service operation would be lucky to have her. She truly deserves this recognition.”

After graduating, Maggie worked the local fishing season and returned to ATC for barista training. She now works at the ATC coffee shop, Kuuppiaqtuġvik@ATC, which in Iñupiaq means, “A place to have coffee @ ATC.”



The Alaska Technical Center (ATC) is an adult vocational school supported by the Northwest Arctic Borough School District to meet the Northern Region’s vocational and technical training needs. Programs are designed to build Alaska’s workforce and meet the needs of employers in high-demand fields such as natural resources, health care, education, and technology.

ATC celebrated its 40th graduating class in May 2021.

Training Programs

- Adult Education
- Boiler Maintenance
- Certified Nurses Aide
- Class D Driver’s Education
- Commercial Driver’s License
- Construction Trades Technology
- Culinary Arts
- HAZWOPER
- Heavy Equipment Operator
- Process Technology
- Toyo Stove Repair

Articulation Agreements

We have articulation agreements for dual credit with the Northwest Arctic Borough School District and the Chukchi Campus of the University of Alaska Fairbanks.

FY 23 Partners

- Ambler Metals
- Aqqaluk Trust
- City of Kotzebue
- DeLong Mountain Logistics
- Drake Construction
- Kikiktagruk Inupiat Corporation
- Kotzebue Electric Association
- NANA Management Services
- NANA Regional Corporation
- Northwest Arctic Borough
- Northwest Arctic Borough School District

- Northwest Electric
- Northwest Inupiat Housing Authority
- Native Village of Buckland
- Native Village of Kotzebue
- Native Village of Selawik
- Northern Industrial Training
- Teck Alaska
- Trilogy Metals
- University of Alaska Fairbanks

Regional Impacts

TVEP training increases employment opportunities throughout the region. Regional employers benefit from locally trained individuals living and working in an environment they are familiar with, and they seek out our graduates.

Our facilities are also used for:

- The community veterinary clinic
- Eagle River Polaris conducting recall repairs in the region
- Community meetings such as the Borough Regional Safety Summit and Alaska Native Heritage Center cultural education classes
- School district in-service training
- ANSEP STEM Ready Camp
- Upward Bound T3 Alternative Energy Camp

Capital Improvements

We had no capital improvements this fiscal year and have none planned for the next fiscal year.

FY 23 Accomplishments

- We established a driver's education program so we no longer have to depend on outside trainers to provide Class D driver's education training. Lack of driver's licenses is a common barrier to employment in our region.
- In partnership with NANA Regional Corporation and Maniilaq Association, we trained 24 regional residents in Toyo Stove and Boiler repair and maintenance. These trainees were able to return to their villages and

provide home heating support where no local business or service exists.

- Construction Trades Technology trainees built a coffee shop in ATC. The shop opened in August 2023 and is run by the culinary arts program. This shop will attract more regional residents to our facility and increase exposure to our training programs. The shop also employs current students and recent graduates.
- Five trainees graduated from the construction trades, and all five received job offers. Four accepted these offers.
- Three certified nursing assistants and three culinary artists graduated.
- We established a new partnership with the Alaska Center for Energy and Power for alternative energy training.

The Year Ahead

- We will increase opportunities for high school youth to participate in industry-demand training such as construction trades and welding.
- We will increase our food security by partnering with VH Hydroponics and Kikiktagruk Inupiat Corporation to demonstrate hydroponic growing in the Arctic. We will produce locally grown greens for our culinary program and hope we can sell produce to local restaurants, the hospital, and schools in the future.
- We will continue offering high-demand industry training including for construction trades, heavy equipment operator, commercial driver's license, culinary arts, and health careers. We will also continue to offer community-requested training such as Toyo and boiler repair.
- We plan to partner with more regional and state entities to develop workforce training in alternative energies.

Amundsen Educational Center, Soldotna

Amundsen Educational Center (AEC), formerly New Frontier Vocational Technical Center, is a faith-based nonprofit vocational school in Soldotna, in the Gulf Coast Region on the Kenai Peninsula. Amundsen focuses on training rural Alaskans for entry-level business, construction, and medical office occupations.

Training Programs

- Building Hope Construction
- Advanced Residential Construction Diploma
- Residential Construction Diploma
- Residential Construction Internship

Articulation Agreements

Kenai Peninsula School District: Connections

FY 23 Partners

- Bristol Bay Economic Development Association
- Bristol Bay Native Corporation
- Covenant Youth of Alaska (CYAK)
- Kenaitze Tribe
- Knik Tribe

Regional Impacts

- We provide training for high-demand job skills in the region.
- We increase the availability of quality housing in the region through our student-built homes.



Success Story: Montana Craven, Sterling

Montana Craven spent most of his formative years in Sterling. Montana started at AEC as a dual-credit high school student, studying residential construction to fulfill his high school elective credits.

He graduated high school in December 2021, and in May 2022 he earned his first postsecondary credential. Last year, he returned to AEC to complete the Advanced Residential Construction diploma.

This year, Montana is a paid staff member, via TVEP funds, as our construction and assistance and maintenance coordinator while earning internship credit. Montana will help the new program participants with their construction projects and will schedule and perform facility and vehicle maintenance. He will also lead snow removal.

- We provide staff positions, funded by TVEP.
- Multiple community groups use our training facility and occasionally use our campus housing for retreats, conferences, workshops, and meetings. In FY 23:
 - ▶ Christ Lutheran Church used our training center for a strategic planning workshop.
 - ▶ The Alaska Conference of the Evangelical Covenant Church used our mobile fish processor (see "accomplishments" for

details) and used our facility for food and recreation.

- ▶ Covenant Youth of Alaska used our facility for a retreat and staff training.
- ▶ All three of these groups also used our campus housing.

Capital Improvements

We had no capital improvements in FY 23 and have none planned for the coming year.

FY 23 Accomplishments

- Our students constructed a three-bedroom home for a local family.
- All our construction graduates found jobs in the construction field.

- We hired one of our graduates to be a construction assistant and maintenance coordinator. (See the success story above.)
- We fabricated a mobile fish processor to increase local food security.

The Year Ahead

- We will build two one-bedroom houses on campus that can be delivered locally or two rural Alaska.
- We are preparing to build a support structure for material storage and building outside the weather.
- We are preparing to build more housing for the dual-credit CTE high school we are developing.
- We will fundraise for staff salaries and capital projects outside of TVEP.

Galena Interior Learning Academy, Galena

The Galena Interior Learning Academy (GILA) is an accredited ninth-to-12th-grade vocational boarding school in the Interior Region that also offers postsecondary adult vocational training.

GILA students come from all regions, and many are from villages with few local education options. Galena's rural setting appeals to these students' lifestyles and allows those from urban areas to benefit from a focus on the individual. The campus is located on a former U.S. Air Force base and offers modern residential and educational facilities.

GILA's TVEP program is administered by the Department of Education and Early Development.

Training Programs

GILA, including Sidney Huntington High School, offers vocational certification/tech prep in:

- Aviation
- Applied Mechanics
- Construction Trades
- Cosmetology
- Driver's Education
- Educators Rising
- Health Science
- Media
- Information Technology

Articulation Agreements

University of Alaska Interior Alaska Campus:

Tech Prep Articulation Agreements With UAF-IAC	Course#	Credits
Emergency Trauma Training	EMS 152	3
Intro to Health Professions	HLTH 105	2
Professional Skills in the Workplace	HLTH 110	2
Fundamentals of Anatomy	HLTH 114	4

FY 23 Partners

- Blue River Aviation
- City of Galena
- Health Occupation Students of America: Alaska

- Branch (AK HOSA)
- Ilisagvik College
- Louden Tribal Council
- South East Region Emergency Medical Services (SEREMS)
- Sustainable Energy for Galena Alaska (SEGA)
- Tanana Chiefs Conference
- University of Alaska Anchorage (UAA)
- University of Alaska Fairbanks (UAF)
- University of Alaska Southeast (UAS)

Regional Impacts

- GILA readies students for employment in multiple trade sectors within the region. For instance, many graduates easily find jobs on the North Slope and/or in their communities.
- In times of need and when school is not in operation, the Bureau of Land Management uses our facilities to prepare for firefighting (parachute maintenance, classrooms). We also provide overflow accommodations for BLM and similar entities in the summer.
- We give the community a venue for dramatic performances, dances, and athletic competitions as well as space for training.
- Behavioral Health Services from local and regional entities use our facilities.

Capital Improvements

We began the Composite Building renovation last year, largely supported by Department of Education and Early Development funding and a participating share from the district. This remodel focuses on energy efficiency, ADA compliance, and providing an exceptional instructional facility for workforce development, skilled labor traits acquisition, and vocational pursuits post-graduation.

The Composite Building is the main school building on our campus. It will house administrative and support staff offices, counseling services, a library, and most notably, six classrooms within Career and Technical Education as well as an expanded theatrical facility.

Success Story: Madison Nayokpuk, Fairbanks

From Carrie Given, Health Science instructor: "Please help me congratulate Madison Nayokpuk for her 2nd place medal in the HOSA – Future Health Professionals Knowledge Test (Dental Terminology). Madison worked very hard to study and prepare for this knowledge test and represented Galena City Schools with pride and confidence at the annual state leadership conference. With this finish, she has qualified for the International Leadership Conference in Houston, Texas, this summer and the competition there.

And a big shout out to all our HOSA – Future Health Professionals students, as they finished the year strong, with solid representation at the state leadership conference. With 11 students attending from Galena, many of the presenters and other judges were impressed with our presence, poise, and participation in all the events and workshops."



Mandy McKindy (left) and Madison Nayokpuk (right) at the HOSA International Leadership Conference in Houston, Texas

The district also self-funded a new roof for the Iditarod Building, which houses many of our staff, both instructors and within Residence Life. Without this facility, the district would not have enough housing to operate GILA or Residence Life.

The district intends to finish the Composite renovation this year and address longstanding facility needs, mainly the mechanical systems of Ptarmigan Hall, which is a student dormitory, and the sewer system repair and upgrade, an ongoing critical project supported by the federal government, the Loudon Tribal Council, and the City of Galena. We will apply for additional grant funding to complete the sewer project this year.

FY 23 Accomplishments

This is a high school, so our courses and accomplishments are consistent from year to year.

- 42 students earned 137 UAF tech prep credits.
- Three students earned Excel certifications.
- Three students earned certifications in Microsoft PowerPoint, with one student recognized as the Alaska State Champion for her exam score.
- 10 students earned food handler's certification.
- 26 students passed their written

driver's test for their permits.

- 18 students were certified as Emergency Trauma Technicians (ETT). This certification included certification in Basic Life Support and First Aid.
- 13 students obtained their Board of Barbers and Hairdressers student permit and started recording hours toward their professional hairdressing license.
- Six students competed in the Educators Rising Annual Competition and conference in Fairbanks at UAF; one student placed second.
- 24 students toured Alaska colleges and trade schools.

The Year Ahead

- We plan to add a Renewable Energy program, possibly including electric vehicle options.
- We will work with community partners to develop a certified nursing assistant program that will begin in FY 25.
- We plan to increase dual enrollment class offerings through UAF's Advantage program.
- We will expand our offerings for unmanned aircraft and fixed-wing pilot courses.

Ilisaġvik College, Utqiagvik

Ilisaġvik College, located in the North Slope Borough of the Northern Region, is a two-year tribal college that offers postsecondary academic, vocational, and technical education while promoting Inupiat culture, language, values, and traditions.

Ilisaġvik was founded to serve the residents of the North Slope Borough, America's largest and most northern municipality, and achieved accreditation from the Northwest Commission on Colleges and Universities in 2003. It is the first and only federally recognized tribal college in Alaska.

Training Programs

- Building Maintenance
- Carpentry
- Construction Trades
- Driver's Education
- Electrical
- Emergency Trauma Technician
- Industrial Safety
- Heavy Equipment/CDL
- Plumbing
- Workforce Development Business
- Workforce Development Health
- Workforce Development Marine
- Workforce Development Industrial
- Workforce Development Utilities

Articulation Agreements

North Slope Borough School District

FY 23 Partners

- Aleut Community of St. Paul Island
- Arctic Slope Native Association
- Arctic Slope Regional Corporation
- City of Kaktovik
- Covenant House
- Kaktovik Inupiat Corporation
- Kawerak
- Kuukpik
- Native Village of Barrow
- Native Village of Point Hope

- North Slope Borough Barrow Utilities & Electric Cooperative Incorporated
- North Slope Borough School District
- Northwest Arctic Borough
- Nuiqsut Utility Cooperative
- Nunamiut Corporation
- Olgoonik Corporation
- Tagiugmiullu Nunamiullu Housing Authority
- Tikigak Corporation
- Ukpeaġvik Iñupiat Corporation

Regional Impacts

- There is a shortage of commercial driver's license holders on the Slope. While the 20-25 who pass our CDL programs do not completely address the need, they certainly mitigate it.
- Nearly every person working with hazardous materials in Utqiagvik and the other seven villages earns their credentials through the college.
- More than 200 CPR/First Aid with AED cards are earned each year, improving both job prospects and the general safety of North Slope residents.
- Working with the North Slope Borough, the North Slope Borough School District, and Covey Academy, we teach hundreds of high schoolers and young adults the skills they will need to be successful with future employers.
- We help make the North Slope Borough's water by providing water and wastewater classes to BUECI and UMIAQ employees, which also helps them advance their careers.
- Our cafeteria is open to the public, and the Dr. Albert Conference room can be rented for meeting space.
- The college provides limited dorm housing to our stakeholders.
- As a tribal college founded on our Inupiaq values, we welcome elders and cultural experts to our campus for community workshops and Inupiaq Cultural Hours.

Capital Improvements

We had no capital improvement projects this fiscal year and have none planned for the next fiscal year.

FY 23 Accomplishments

- We held 238 trainings, up 58% from 2021-2022.
- We held 72 on-site village classes, up 112% from 2021-2022.
- We became a driving school and will become a DMV driving partner within a month.
- We expanded our presence in the Y-K Delta and brought in students for boiler, carpentry, and driving classes.
- We were very proud to place two students into apprenticeships after they completed our Associate in Construction Trades with ASRC Energy. They worked on our Tiny House project and earned their NCCER certifications in Welding and Carpentry, and they completed modules in electrical, plumbing, and management.

The Year Ahead

- We plan to increase our number of trainings and total participants served by 5%.
- We will increase our partnerships throughout the state with a specific focus on serving the Y-K Delta and other Native communities.
- We will create at least five new classes that the college had not run previously.

Northwestern Alaska Career and Technical Center, Nome

The Northwestern Alaska Career and Technical Center (NACTEC) is in the Northern Region and is part of the Nome Census Area. This regional vocational learning center, a joint venture between the Bering Strait School District and Nome Public Schools, helps students prepare for the world beyond high school.

The training center's mission and primary usage is vocational training combined with residential life skills training. The facility is also rented out for related education and training and is a backup emergency shelter.

Training Programs

- Arctic Survival
- Aviation Ground School
- Airframe & Powerplant Mechanic
- Automotive Maintenance
- Basic Medic First Aid
- Certified Nurse Assistant
- Construction I & II
- Cultural Tourism/Indigenous Language
- Driver Education
- Emergency Trauma Technician
- Fisheries & Seafood Industries
- Gas & Shielded Metal Arc Welding
- Health Aide Pre-Session
- Heavy Equipment Operator
- Intro to Behavioral Health
- Intro to Health Field
- Intro to Maritime Careers

Articulation Agreements

University of Alaska Fairbanks, Northwest Campus and University of Alaska Anchorage, Alaska Native Science and Engineering Program

FY 23 Partners

- Alaska Community Foundation
- Alaska Department of Education and Early Development

- Alaska Department of Labor and Workforce Development
- Alaska National Insurance Company/USI Insurance
- AVTEC
- Bering Strait School District
- City of Nome
- ConocoPhillips
- Denali Commission
- Kawerak, Inc.
- Nome Chamber of Commerce
- Nome One Stop Job Center
- Nome Public Schools
- Northwest Area Health Education Center
- Norton Sound Health Corporation
- Norton Sound Economic Development Corporation
- Pollock Conservation Cooperative
- Saltchuk Companies
- Sitnasuak Native Corp.
- University of Alaska Anchorage
- University of Alaska Fairbanks, Northwest Campus

Regional Impacts

- As an Alaska DMV-approved noncommercial driving school, NACTEC:
 - ▶ Provides Class D road test examinations for all communities of the Bering Straits region
 - ▶ Proctors instructional permit exams in Nome and across the 15 regional villages
 - ▶ Provides behind-the-wheel instruction for youth and adults from 16 communities
- We create training opportunities in partnership with Kawerak, Inc.; Nome Eskimo Community; and Norton Sound Health Corporation
- The heavy equipment operator/truck driver pathway program we are developing will create a local workforce for upcoming projects such as the Nome deep draft port and the Graphite Creek project.

Success Story: Cara Barr, Elim; Delilah Cheemuk, St. Michael; Kylie Ahkvaluk, Little Diomede

Health care training is NACTEC's 2023 success feature with three recently graduated Bering Strait School District seniors, each of whom enrolled in multiple NACTEC training programs this past year:

Cara Barr of Elim (Introduction to Health Careers, Basic Medic First Aid, Personal Care Attendant), Delilah Cheemuk of St. Michael (Driver Education, Native Arts/Entrepreneurship and Personal Care Attendant), and Kylie Ahkvaluk of Little Diomede (Driver Education, Basic Medic First Aid, Certified Nurse Assistant).

Cara and Delilah were the first two NACTEC students to complete the new PCA training program, delivered by a Norton Sound Health Corporation instructor. Kylie, who traveled to Nome by helicopter from Little Diomede for three training programs totaling eight weeks of vocational training during her senior year, completed the four-week CNA intensive program in June 2023.

Employment opportunities await at Norton Sound Health Corporation for all three 2023 high school graduates.



Left to right: Delilah Cheemuk of St. Michael (PCA), Cara Barr of Elim (PCA), and Kylie Ahkvaluk of Little Diomede (CNA) relax at the Norton Sound Regional Hospital during their May/June 2023 training programs.

- The NACTEC House serves as an emergency shelter in Nome and was used for COVID-19 isolation.
- Norton Sound Health Corporation uses NACTEC for its Summercise program for kids ages 5-12 each summer.
- Teacher professional development training programs use our dormitory.
- NACTEC provides overflow housing when military training exercises are hosted in Nome.
- We are the meeting location for Graphite One and other industry partners' workforce development discussions.

Capital Improvements

While not initially planned for FY 23, a grant through the Department of Education and Economic Development led to the purchase of a full motion-based crane simulator, a mobile version crane simulator for village-based training, and a seated and standing style virtual

reality forklift simulator, which students will begin using in FY 24 as we plan for and train a Nome deep draft port project workforce.

We have no capital improvements planned for the coming state fiscal year.

FY 23 Accomplishments

- We developed a new village-based welding training program, delivered in Brevig Mission, Elim, Gambell, and Koyuk.
- In partnership with the Denali Commission, we created a new virtual reality Small Engine Repair Experiential Learning Platform to expand village outreach, recruitment, and exposure to technical training.
- We proctored 46 successful State of Alaska instructional permits.
- We proctored 39 successful State of Alaska provisional and Class D driver's examinations.
- We assisted 10 students with documentation for the State of Alaska I.D.

- We led instruction for 101 successful American Red Cross certifications.
- 61 students earned their State of Alaska Food Worker Cards.
- Three students completed U.S. Coast Guard-approved basic training in partnership with AVTEC.
- Six students earned their National Council on Construction Education & Research Core Construction certificates.
- In partnership with Norton Sound Health Corporation, we delivered a new Personal Care Attendant program. Two students completed the 88-hour intensive training.
- One student completed certified nurse assistant training.
- High school trainees earned 158 dual college credits.

The Year Ahead

- We will partner with Graphite One and Alaska Resource Education to develop a natural resources extraction industry course to prepare a local workforce for local mining industry needs, including geotechnicians and core cutters.
- We will receive and install new crane and forklift simulator training equipment and develop training programs to prepare locals for the Nome deep draft port project.
- In partnership with the Denali Commission and local industry partners using the Alaska Education Tax Credit, we plan to develop an Experiential Learning Platform across multiple CTE courses to bring VR training to remote villages.
- We will grow the new personal care attendant training course with Norton Sound Health Corporation.
- We will collaborate with the Northwest Area Health Education Center to develop mental health and health aide training program pathways.

Partners for Progress in Delta, Delta Junction

Partners for Progress in Delta, Inc. (PPD) is a 501(c)(3) nonprofit committed to building Alaska’s workforce through career advancement education and training for high school students and adults.

Recognized as a Regional Training Center in Alaska since 2008, PPD operates jointly with the Delta/Greely School District and the Delta Career Advancement Center in Delta Junction. Summer academies, custom and special topic classes, certification opportunities, and degree core requirement classes are offered through the organization’s partners.

Partners for Progress in Delta, Inc. works directly with partners who provide training credits or certified training to allow military personnel/veterans to get credit for prior service and learning, whenever applicable.

Training Programs

- Basic Power Tools for Women
- Certified Nursing Assistant
- CompTIA Security+ Construction Trades
- Drafting
- English Language Learning
- First Aid/CPR/AED
- Heavy Equipment Operator and Mechanics Academy
- Intro to Electrical
- Intro to Food Preservation
- Invasive Weed Management
- Pesticides Management
- Service Oilers Academy
- ServeSafe (Food Protection Manager)
- Welding I
- Welding II
- Wilderness First Aid

Articulation Agreements

- Delta/Greely School District: Putting college classes in the high school schedule so more students could participate, as after-school activities were preventing night classes.
- University of Alaska Fairbanks Community



Success Story: 17th Annual Heavy Equipment Academy students

The 17th Annual Heavy Equipment Academy was full of stellar students and was our biggest class to date. One student had already been accepted into IBEW when he enrolled in the academy. Two students were direct-indentured into the Local 302 apprenticeship program and seven others were highly encouraged to apply. Multiple students went on to get jobs immediately in local companies.

and Technical College: Supporting Delta residents who are taking classes online or in person

- Alaska Works Partnership Fairbanks: Career and technical classes offered in Delta

FY 23 Training Partners

- Alaska Works Partnership
- Delta/Greely School District
- University of Alaska Fairbanks Cooperative Extension Services
- University of Alaska Fairbanks Community and Technical College

Regional Impacts

- We are putting local people to work. Having

a training facility in a small town with even smaller towns around it has a huge impact on the workforce. Many people are not able to go to the cities to get needed training for the good jobs available. Having a local facility allows them to better themselves and still be a part of their community.

- Keeping people in the community for training boosts local businesses as well. Businesses can save thousands of dollars per employee if they don't have to send employees elsewhere for training.
- Future Farmers of America uses our facility once a week for their meetings and training.
- The Bureau of Land Management uses the facility for four days every year to issue subsistence permits.
- Literacy Council uses the facility every week to support the GED program and Ukrainian refugees in training and job searches.
- University of Alaska Fairbanks Cooperative Extension Services hosts classes for the community (gardening, canning, sewing, etc.) at PPD.
- Delta/Greely School District uses our shop and computer lab daily for high school classes.

Capital Improvements

We started on a 2,400-square-foot addition to our existing facility through a grant from the Commissioner of Education and Early Development. Phase I, which includes the dirt work and foundation, is complete. This will allow us to expand construction trades programs in our shop area.

We will also have a medical training facility complete with an ambulance bay and ambulance (donated by the City of Delta Junction). The addition of a backup generator will make our facility a gathering point during any community crisis.

This year we will finish the expansion project, Phase II, which includes the structure and accessories to outfit the extra shop area. Phase III will include the medical training facility, and we hope to complete that in 2025.

FY 23 Accomplishments

- We started the expansion of our current facility, as mentioned in the previous section.
- We have finally rebounded from the effects of the pandemic. The community is back to taking classes and we have greatly expanded our offerings.
- We worked with the community, Catholic Social Services, Housing and Urban Development, and the Literacy Council on an agricultural plan for Delta. This is a work in progress to put people to work and make Alaska more sustainable food-wise.

The Year Ahead

- We will add additional English language classes to prepare Ukrainian refugees for the workforce.
- We plan to incorporate more small business classes (QuickBooks, accounting, taxes) to support all our new entrepreneurs.
- We will host our sixth annual CompTIA Security+ class, which helps people get jobs on military bases and positions them for promotions.
- We will conduct our first annual meat-cutting class. Putting people to work in the meat industry is vital to our community and state.
- We will host our 18th annual Heavy Equipment/Mechanics Academy. This three-week intensive course has put hundreds of students to work over the years.

Southwest Alaska Vocational and Education Center (SAVEC), King Salmon

The Southwest Alaska Vocational and Education Center (SAVEC) is a 501(c)(3) organization located in the Southwest Region on the former Air Force base in King Salmon. The center provides career and workforce development training to Bristol Bay residents and rural residents from around the state.

SAVEC is governed by an eight-member board of directors that provides a thorough knowledge of community, business, and industry workforce needs spanning its 31-village service area.

The center is equipped with distance learning capabilities and is considered one of the most advanced classroom technology centers in the state, using Smart Board Technology, audio conferencing, video conferencing, and wireless Internet throughout the facility.

Training Programs

- All Terrain Vehicle Maintenance and Repair Intensive
- Class A Commercial Driver's License
- Confined Space Entry
- Confined Space Rescue
- CPR/AED/First Aid
- Fiber Optics 1, 2, and 3
- Fiber Optics 1, 2, and 3 Splicing
- HAZWOPER 40-Hour and Refresher
- QuickBooks Desktop
- QuickBooks Online
- Skin Sewing Fur Hats
- Skin Sewing Mittens
- Toyo Stove Maintenance
- Wilderness First Aid

Articulation Agreements

- Bristol Bay Borough School District
- Bristol Bay Christian Learning Center
- Lake and Peninsula School District
- Southwest Regional School District

FY 23 Partners

- Alaska Vocational Technical Education Center (AVTEC)
- Alaska Community Foundation
- Alaska Department of Transportation, King Salmon
- Alaska Marine Lines
- Al-Lou's Bed & Breakfast
- Antlers Inn
- Bristol Bay Area Health Corporation
- Bristol Bay Borough
- Bristol Bay Borough Fire Department
- Bristol Bay Borough Port
- Bristol Bay Borough Public Works
- Bristol Bay Chamber of Commerce
- Bristol Bay Economic Development Corporation
- Bristol Bay Housing Authority
- Bristol Bay Native Association
- Bristol Bay Native Corporation
- Bristol Bay Telephone Cooperative
- City of Dillingham
- Coastal Air
- D & D Restaurant
- Foraker Group
- Grant Aviation
- Igiugig Village Council
- Keira's Inn
- King Flying Service
- King Salmon Ground
- Kokhanok Village Council
- Koliganek Village Council
- L.M.I Equipment
- Levelock Natives Limited
- Levelock Village Council
- Manokotak Village Council
- Naknek Electric Association
- Naknek Trading
- New Stuyahok Village Council
- Northern Industrial Training (NIT)
- Peace of Mind Accounting
- Peter Pan Seafoods
- Silver Bay Seafoods
- South Naknek Village Council
- Togiak Village Council
- UAF Bristol Bay Campus

Success Story: Naknek Electrical Employees, Our Undercover Heroes

On Jan. 10 and 11, 2023, the fine folks pictured here completed their CPR/AED/First Aid trainings at SAVEC. They keep their CPR credentials up to date as a workplace requirement at Naknek Electric Association.

These people represent the hard work needed to provide King Salmon, Naknek, and South Naknek with electrical service 24 hours a day, 365 days a year. It takes only one power outage in below-zero weather to remind us to be grateful for uninterrupted electric service.

We often take NEA and staff for granted, but we are so thankful for them, especially when the linemen have to go out in inclement weather year-round to fix a problem or when the 24-hour plant and generation crew answer our calls in the middle of the night when power goes out. Our hats off to this fine group of men and women! They are there for us all of the time.

As a partnering organization and major employer for the Bristol Bay Borough, NEA has been using SAVEC for required workforce certifications for many years. We are happy to serve those who have served us, since incorporating in 1949.

Our undercover heroes: Not in the spotlight, yet still so important to our quality of life!



First training, Jan. 10, 2023. Left to right: Ronald Zimin Jr., Rose Hanson, Timothy Matson, Billie Jo Neidlinger, Piro "Pete" Skaric, and Jay Thompson



Second training, Jan. 11, 2023. Left to right: Jeffery Kashevarof, Melinda Johnson, Debra "Lynn" Johnson, Jeff Sinkular, Michael James, Jaxon Wassillie, and Chris Palmer. Front: Michael Marsh.

- Ugashik Village Council
- University of Alaska Anchorage
- University of Alaska Mining & Petroleum,
- Watter's Edge Catering

Regional Impacts

- Regional employers send their employees for training, which bolsters our local workforce. SAVEC's trainings also have a multiplier effect in that bringing students into King Salmon for training or hosting trainings in villages boosts the local economies. This brings money to area businesses including airlines, air taxis, restaurants, caterers, bed and breakfasts, hotels, and grocery stores.
- Partners such as the Bristol Bay Chamber of Commerce host meetings at our facility.
- Levelock Natives Limited board members have used our computers to sign in to their

Zoom meetings.

- Local business owners use our computers and Internet access to file reports, and local college students use them for classes.
- Local businesses rent or borrow our equipment and use our garage for projects.

Capital Improvements

We had no capital improvements this year. For next year, we are beginning plans for a new campus for SAVEC and will determine the location once the feasibility study, business plan, and concept design are complete. (See The Year Ahead.)

SAVEC's improved internet made it possible to better serve those who don't feel comfortable traveling yet, giving them the option to train in their villages. For students at the campus, faster

internet with more bandwidth meant instructors could stream content that wasn't an option before. The cost of faster and more reliable internet was a significant savings for SAVEC.

FY 23 Accomplishments

- SAVEC was able to host a commercial driver's license training for 12 people, in partnership with Alaska Marine Lines, Bristol Bay Borough Port, King Salmon Ground, L.M.I. Equipment, the University of Alaska, AKA Hauling, and Bristol Bay Economic Development Corporation. These 12 were already employed, but with this CDL Class A training, they became more valuable to their employers. These workers are major players in transportation and doing business directly with Bristol Bay's commercial salmon fishery.
- The Port of Bristol Bay is the largest commercial freight dock in Bristol Bay, with 1.5 million gallons of fuel and \$1 billion worth of salmon crossing the port every year. Three port employees were trained and certified as CDL Class A drivers. Now they can stage, distribute, and move cargo on the Alaska Peninsula Highway.

The Year Ahead

- We will partner up to provide more CDL Class A training. It is a costly class, but businesses and individuals always request it.
- We will lease an office to the University of Alaska Bristol Bay Campus. This will help us further collaborate to host trainings and classes locally and throughout the region.
- We anticipate completing the business plan, feasibility study, and concept design for a new SAVEC campus. Once these are complete, we can seek additional funding for the design and construction phase.

Yuut Elitnaurviat, Bethel

Yuut Elitnaurviat in Bethel is a 501(c)(3) corporation that provides training and education for the Yukon-Kuskokwim Delta in the Southwest Region. Training programs range from adult basic education and career guidance to construction, driver education (including mining and commercial driving programs), health care, and public safety.

The Yuut Regional Vocational Campus consists of two 22-bed dormitories, a 68-bed dormitory, a construction trades shop, and a 20,000-square-foot state-of-the-art Technical Education and Support Services Building.

Training Programs

- Adult Education
- Aviation Maintenance Technician School
- Certified Nursing Assistant (CNA)
- Driving Academy (Standard and Commercial)
- Licensed Practical Nursing (LPN)
- Rural Facility Maintenance Training
- Rural Law Enforcement Training Academy
- Welding

Articulation Agreements

Lower Kuskokwim School District

FY 23 Partners

- Alaska Pacific University
- Alaska Police Standards Council
- Association of Village Council Presidents
- Association of Village Council Presidents Rural Housing Authority
- Calista Corporation
- City of Bethel
- Lower Kuskokwim School District
- Orutsararmiut Native Council
- Yukon-Kuskokwim Health Corporation
- University of Alaska Fairbanks Kuskokwim Campus

Regional Impacts

- Our programs align with the culture and

Success Story: Lawrence Martin, Kasigluk

In December 2023, Lawrence Martin graduated from our Licensed Practical Nursing Program. This was the first LPN graduating class in Alaska in more than seven years.

Mr. Martin has shown dedication and commitment to furthering his education and contributing to the workforce by attending multiple Yuut programs, such as the Rural Law Enforcement Training Academy and our Driving Academy. He worked briefly as a village police officer, and his academy training gave him skills in trauma response, interviewing, and time management. These helped him get a health aide position in the village.

Mr. Martin's goal was to work in health care, so he applied for and was accepted into our LPN program. During his time at Yuut, he passed his road test and obtained his driver's license. Since graduating from the LPN program, Mr. Martin has also passed his State of Alaska Board of Nursing National Council Licensure Examination. He is now working for the local health corporation as an LPN.

lifestyle of the region, which supports rural families' lifestyles. For example, some of our programs have sessions and scheduled breaks that allow students to return home to participate in subsistence, thereby not disrupting or detracting from regional livelihoods.

- We promote long-term regional economic vitality by providing skills to the local population, allowing them to qualify for jobs close to home.
- We partner within the community to promote sustainable job opportunities (for example, Yukon-Kuskokwim Health Corporation can hire local CNAs and LPNs and avoid hiring short-term contracted traveling staff).
- We host one of the local residential charter schools, Kuskokwim Learning Academy, on campus.

Capital Improvements

We didn't spend TVEP funds on any capital improvements or equipment in FY 23, but we are in the middle of a \$23 million campus expansion that will increase dorm capacity, classroom space, and construction trades training facilities.

We also don't plan to spend TVEP money on capital improvements in FY 24, but our expansion project will not be complete until late 2024.

FY 23 Accomplishments

- Yuut graduated the first LPN cohort in Alaska in seven years in December 2022 and the second LPN cohort in April 2023.
- We hired a certified nurse assistant instructor to teach our CNA classes, which strengthened the program and allowed for consistent training. The CNA program remains one of our most popular programs and we offer it three times a year. A CNA class is one of the prerequisites for our licensed practical nursing program.
- We successfully graduated our second Aviation Maintenance Technician cohort.
- We became an Authorized PSI Test Center, allowing us to deliver standardized Federal Aviation Administration and other major government testing. This allows locals to save time and money taking federal written exams in Bethel.
- We offered an Advanced Rural Law Enforcement Training class. Eight village/tribal police officers who previously attended the basic class graduated from this program. The combined basic and advanced classes five attendees the same amount of knowledge and training time as village public safety

officers as those who attend public safety training in Sitka. At the same time, our programs specialize in the skills and information relevant to rural communities.

- We continued to work with community partners to plan, expand, and deliver adult education to rural Alaskans while focusing on equal opportunities for all student participants.

The Year Ahead

- We are looking to partner with outside agencies to develop a drone program to help with community efforts such as fish and wildlife surveying, aerial surveying for development or disaster relief, and search and rescue. This program would allow aerial access when inclement weather would otherwise restrict it. The use of drones would also cut fuel and maintenance costs and provide quality images for the agencies using the drones. We are a certified FAA Knowledge Test Center, so participants will be able to take their Part 107 Drone Pilot's License Testing at Yuut.
- We will offer commercial driver training so people can get their permits, get behind-the-wheel training, and take their skills tests locally.
- We plan to partner with a certified FAA designee, who will come to Bethel after students have passed their FAA written exams to offer the oral and practical exams.
- We are expanding our facilities so the Kuskokwim Learning Academy can become a regional magnet school for vocational trades. This will be a huge opportunity for students in our region and it will become a pipeline to Yuut's adult programs.

University of Alaska

The University of Alaska (UA) is a comprehensive provider of workforce training in Alaska. TVEP will continue to be an important way for UA to develop the workforce of tomorrow, today, helping the state reach the goal of 65 percent of Alaskans with postsecondary education and training to meet our workforce needs by 2025.

For more on the University of Alaska Vocational Education Programs, visit: <http://www.alaska.edu/research/wd/>.

UA's TVEP allocation also supports the Fairbanks Pipeline Training Center. FPTC receives pass-through funding from UA's allocation based on a fiscal note accompanying the 2008 TVEP reauthorization.

FPTC is a 501(c)(3) corporation training Alaskans to enter registered construction apprenticeship and training programs that are structured to meet market demand in all parts of Alaska's oil and gas industry. These include the construction, operation, and maintenance of mainline pipelines, gathering lines, pump stations, flow stations, gathering

stations, and compressor stations; and the construction and operation of oil and gas facilities.

Articulation Agreements

The UA Board of Regents Dual Enrollment Policy (P10.05.015) is as follows:

Dual enrollment refers to enrollment at the university by a student who is simultaneously enrolled in a K-12 (or home school) for which the student may receive credit at both the K-12 and postsecondary levels.

The university encourages dual enrollment. No additional restrictions on dual enrollment beyond those applicable to all students, or to avoid violations of law or ensure informed consent by a parent or legal guardian (including financial obligations), shall be allowed. (03-01-18)

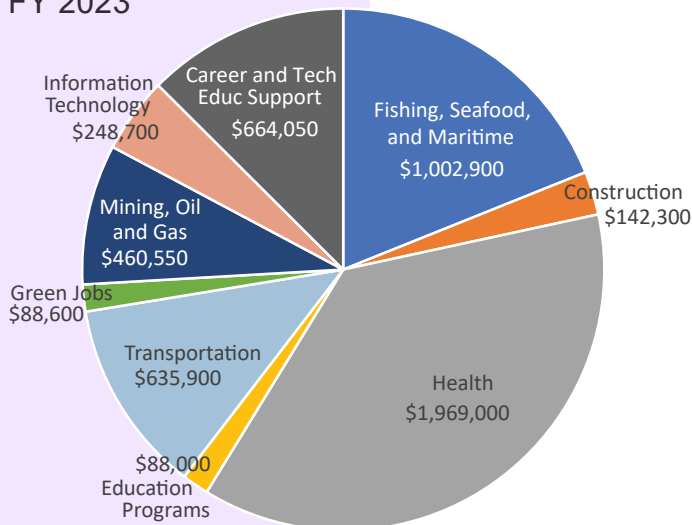
For more information on dual enrollment, visit:

<http://www.alaska.edu/research/wd/de.php>.

Training Programs

TVEP Supports High Priority Industries

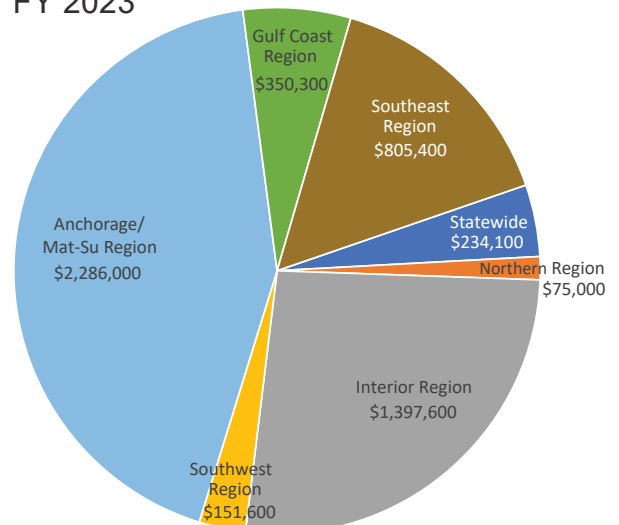
FY 2023



Regional Impact

TVEP Supports All Regions

FY 2023



In addition to these totals, the Fairbanks Pipeline training Center received \$867,300 in pass-through funding for construction, oil, and gas.

FY 23 Partners

UA's many partnerships with federal and state agencies, training and education providers, Alaska Native Corporations, nonprofits, businesses, and industry are critical to program development and delivery. These partnerships also provide experiential learning opportunities, such as internships, and employment for UA students and graduates.

The following are the fiscal year partners for the Fairbanks Pipeline Training Center:

- Alaska Joint Electrical Apprenticeship and Training Trust
- Alaska Operating Engineers/Employers Training Trust
- Alaska Teamster-Employers Service Training Trust
- Alaska Works Partnership
- Fairbanks Area Home Schools (FOCUS, IDEA, CyberLynx, Raven)
- Fairbanks North Star Borough School District
- Laborers International Union of North America Local 942
- UA Local 375 Plumbers and Pipefitters Apprenticeship Training
- UAF Community Technical College
- Yukon-Koyukuk School District



UNIVERSITY
of ALASKA
Many Traditions One Alaska

time and real-life feedback for paramedicine and emergency services students.

- **UAS** invested \$133,000 in TVEP funding into equipment and upgrades for transportation and construction-related programs. Highlights include the purchases of pipefitting and welding equipment to expand course offerings, a heavy duty power technology truck for students to understand current emission standards and electronic fuel injection systems, and a hydraulic training unit for power technology students to strengthen employment outcomes for maritime and marine manufacturing industries.
- The **Fairbanks Pipeline Training Center** replaced fascia and gutters on two buildings, and three awnings damaged by heavy snowfall.

The University of Alaska and FPTC have no capital improvements planned for FY 24.

Capital Improvements

- **UAA** invested \$674,500 in TVEP funding into new equipment and equipment upgrades for hands-on applied learning. Highlights include a new x-ray machine and a surgical table for the veterinary assistant program, the purchase of an industry-standard power loader for paramedicine and EMIT coursework, and project engine updates for expanding automotive and diesel workstation capacity.
- **UAF** invested \$438,050 in TVEP funding into purchases and updates, namely for the Community and Technical College and Bristol Bay Campus. Highlights include a new aircraft engine for the aircraft maintenance program to provide hands-on training, a new vehicle for automotive students to gain relevant and marketable skills on industry-standard equipment, and patient simulators to provide real-

FY 23 Accomplishments

UA System Office

- The Fisheries, Seafood, and Maritime Initiative is implemented by UA, Alaska Safety Alliance, educators, and industry partners statewide to increase capacity to meet a wide range of employment opportunities across these sectors. Specifically, UA invested \$30,000 to produce micro-videos to increase career awareness of priority occupations identified in the Alaska Maritime and Workforce Development Plan Plan.

These videos include seafood plant and production management, refrigeration technician, quality control and assurance, and electrical workers. Videos can be viewed here: <https://www.alaskasafetyalliance.org/asa-programs/maritime-works/videos/>

UA Anchorage

- College of Health welcomed 120 Anchorage School District juniors and seniors to partici-

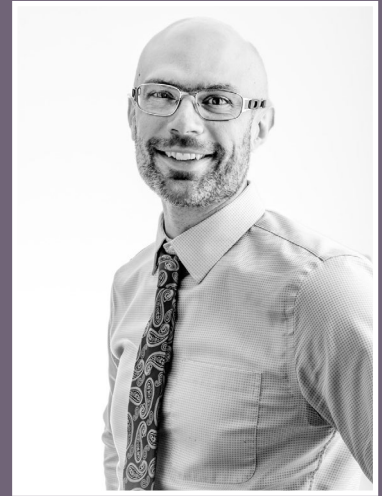
pate in awareness-building experiences for careers in behavioral health and human services. Thirty students participated in the development of electronic portfolios in which they documented their core knowledge, attitude, and skill competencies in human services. Those students continued their experiential learning with the Arc of Anchorage, gaining employment-related skills and eligibility for part-/full-time employment as paraprofessionals in human services.

- Responding to increased demand, Kenai Peninsula College expanded its paramedicine program, increasing opportunities for 60 students. Expansion includes paramedic skills labs and lab intensives, and a dedicated skills instructor to help students prepare for national and state EMS certification and licensure. From recruitment to program support, the instructor helps KPC meet the Emergency Medical Services Professionals accreditation requirements and ensure adequate staffing for each area of the paramedicine program.
- The School of Education increased personnel capacity to support 50 undergraduate students and 82 admitted majors pursuing the Early Childhood Education Occupational Endorsement Certificates and associate and bachelor's degrees. This includes expedited processing of state background checks, placement verification, and conducting clinical evaluation.
- TVEP funding allowed Prince William Sound College to continue developing its Maritime Program. In the past academic year, 38 students participated in the Maritime Tech program, some of whom completed the whole program and others added skills needed for their career. Of the 38 participants, 42 percent were dual enrollment students.
- Mat-Su College acquired hemorrhage control test training kits to supplement coursework, preparing 20 paramedic students for jobs where they are expected to treat patients suffering from bleeding injuries. Seventeen paramedic students were trained with this



UAA Success Story: JP Ouellette

JP Ouellette graduated with the Occupational Endorsement Certificate in Interprofessional Child Welfare in May 2023. JP, a 2014 UAA Human Services graduate, joined the program because of the benefits it would provide to his work with the State of Alaska Office of Children's Services.



"I signed up for the OEC as an opportunity to collaborate with peers with varying levels of experience in the field," he said. "My aim was to participate in professional development as well as stimulate thoughtful discussion among up-and-coming child welfare professionals. Engaging with both newcomers and leaders in the field on how to influence the child welfare landscape in Alaska was invaluable. I had the opportunity to share, to learn, and to walk away with even more tools, deeper thought processes, and more zeal for my job as a child welfare professional."

Since his graduation, JP has been promoted from a Protective Services Specialist II to a Protective Services Specialist III.

equipment, eight have completed their National Registry exams, and seven have been hired full-time. Eighteen EMT students also used the training kits.

- With support from TVEP, the Kodiak College Welding Program generated 66 individual course enrollments and 222 student credit hours. A total of five certifications were awarded in the fall 2022 semester, connecting students with local and industry-related businesses.

UA Fairbanks

- Helping to meet demand with the development of the Manh Choh project outside of Tok,

Mining and Petroleum Training Service provided surface and underground mine training, and exceeded annual goals of producing 10 surface miners. Thirteen students trained in fall 2022 and future cohorts are anticipated to continue exceeding projected enrollment.

- Alaska Sea Grant’s Alaska Seafood Processing Leadership Institute provides Alaska seafood processing personnel with the skills to advance in management. ASPLI has trained more than 90 seafood processors, 60 percent of whom remain in the state’s seafood processing industry.

More than 10 trainees have been promoted to plant manager and corporate office positions. A majority of students completing the

program have become assistant plant managers and lead quality control and assurance departments.



- Previously having just one faculty position within the Welding and Materials

Technology program, Community and Technical College invested TVEP funding to recruit a new faculty member to update the program curriculum to remain current with welding processes and techniques.

Funding also helped update training facilities, improve faculty capacity and student learning outcomes, and ensure strong safety standards, which resulted in the CTC welding program being accredited as an American Welding Society SENSE Level-1 welding program.

- The Interior Alaska Campus developed its first Human Services program. In spring 2023, with a dedicated faculty member, 36 students took the first classes. TVEP funding allowed for course alignment and incorporation of the program into Behavioral Health and Counseling at IAC and UAF Troth Yeddha’ campus.
- The Northwest Campus continues to use TVEP funding for program development and advising to remove barriers for students and increase access to occupational endorsements and campus credentials in high-demand areas.



UAF Success Story: Elizabeth “Lizzie” Hartman

Elizabeth “Lizzie” Hartman, a graduate of the UAF Community and Technical College’s Culinary Arts program, has been on an incredible journey. Hartman’s culinary skills led her to represent the western region on the hit series, “MasterChef: United Tastes of America,” featuring Gordon Ramsey.

Known for her support of small businesses and nonprofit organizations on platforms such as TikTok and Instagram, Hartman’s passion for her community shines brightly. She was recently featured in the Fairbanks News-Miner for her efforts to promote local businesses via social media. A self-described “foodie,” she taught a class at the Fairbanks Summer Arts Festival, sharing her culinary expertise with aspiring chefs and food enthusiasts alike.

During fall 2022, 219 students participated in courses or noncredit workshops, all geared toward workforce development. By the spring 2023 semester, 48 students earned certifications and helped address local workforce needs.

- The Bristol Bay Campus developed and hosted a solar energy train-the-trainer program, supporting 10 students pursuing credits. The program began in May 2023 to increase qualified solar electricity installers and instructors around the state, with a focus on rural locations.
- Alaska Sea Grant collaborated with the Alaska Research Consortium, iWorkWise, and the Alaska Safety Alliance to assist in expanding training programs for seafood processors

and enhancing career awareness of seafood processing careers. The partnerships resulted in developing an Ammonia Refrigeration training program, developing career awareness videos, and engaging with local school districts for high school students to learn about seafood processing.

UA Southeast

- The Ketchikan campus expanded the welding program, offering more courses, including a new advanced gas welding course. Now the program has two fully equipped welding stations, creating more hands-on experience for the nearly 60 intermediate and advanced students to use for large-scale projects.
- Becoming recognized as a mariculture leader in the state, the Sitka campus increased its academic capacity to develop and teach additional classes to expand the mariculture program. Alaska's demand for increasing the local and regional mariculture workforce is emerging and the program is responding to the growing industry.
- The Juneau campus is continuing to increase access to workforce development opportunities for more than 100 dual-enrollment students. A dedicated position provides facilitation of articulation agreements, coordination of dual-enrollment opportunities, strengthening of school-to-apprenticeship and workforce training alliances, coordination of in-demand training to urban and rural Alaska, and marketing of pathways to state and regional partners. The program is positioned to cultivate relationships with industry and the state to provide internships, scholarships, job shadowing, and short-term training opportunities.



UAS Success Story: Rochelle King

After retiring from the U.S. Army, Rochelle King moved to Ketchikan in 2022 to pursue her A.A.S. in Marine Transportation with a deck emphasis through UAS Ketchikan.

Rochelle received her 100-Ton Captain's License in the fall of 2022 and graduated in the summer of 2023.

Thanks to the hands-on educational experience in maritime skills, diesel mechanics, and welding, Rochelle plans to start her own sailboat chartering company.



Fairbanks Pipeline Training Center

- FPTC increased student outreach with the Fairbanks North Star Borough School Districts and homeschooling programs through two-day introductory trades courses.
- FPTC hosted a successful STEM camp for fourth through sixth graders with Alaska Resource Education and introduced young minds to science, technology, engineering, and math.

FPTC delivered an Introduction to Trades program that placed 10 recent high school graduates into apprenticeships and high-paying jobs.

The Year Ahead

Through a competitive process, UA awarded 77 proposals for FY 24 TVEP funding to initiate or expand high-demand and regional workforce programs to support career and technical training and education statewide.

These strategic investments include \$784,400 for fisheries, agriculture, and natural resource programs; \$607,100 for health care programs; \$504,000 for mining, process technology, and welding programs; and \$1.1 million for transportation programs such as aviation, diesel and heavy equipment, and maritime.



Fairbanks Pipeline Training

Center is preparing to be a focal point in workforce development in the coming years. For those working in the oil fields of Alaska’s North Slope, their first glimpse of that work often comes during our multi-craft pipeline construction academy. These skilled workers already have the needed individual skills to complete this work. Still, this training gives them much-needed experience using those skills in cooperation with other crafts safely and responsibly to develop Alaska’s resources.

FPTC is committed to facilitating as much training as possible in combination with outreach to ensure the center provides meaningful employment to Alaskans that supports the best possible economic outcomes in our state.

FPTC Success Story:

Canon Cogan

Canon Cogan completed the 2017 Fairbanks North Star Borough School District Intro to the Trades Welding course during his senior year of high school. Completing this 72-hour training shows great commitment.

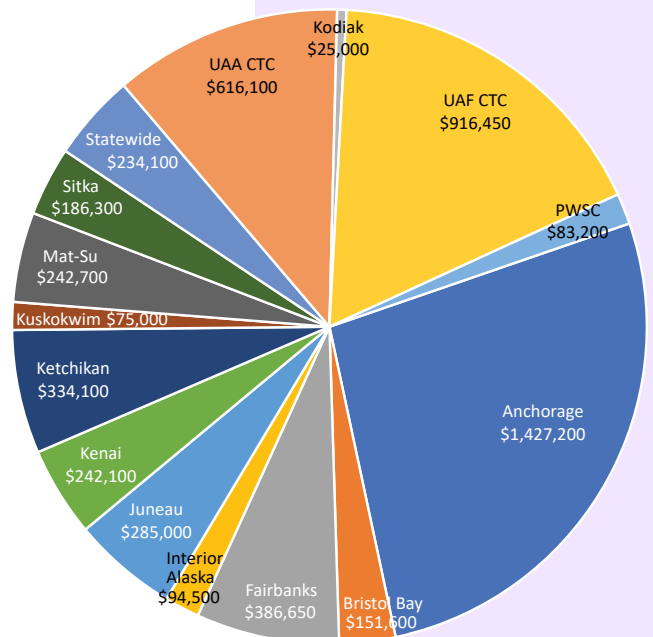
In June 2017, he entered into Local 375 Plumbers & Pipefitters apprenticeship as a School-to-Apprenticeship applicant. He spent the next five years in the program, receiving numerous accolades from contractors for his work ethic, maturity, and knowledge on the job.

Canon attended the 2022 Pipeline Training Academy in the fall and graduated from the Local 375 Plumbers & Pipefitters apprenticeship in December of that year. He completed his testing and has become a certified journeyman and continues to excel in his craft. He is currently working as a journeyman with TCI Construction.



TVEP Supports UA’s Campuses Statewide

FY 2023



In addition to these totals, the Fairbanks Pipeline Training Center received \$867,300 in pass-through funding for construction, oil, and gas.