



## University of Alaska Technical Vocational Education Program

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

UA manages its TVEP funds as a single allocation to initiate or enhance high-priority workforce development programs. The funding must meet the following criteria:

- High-demand and or regional workforce needs
- Increased access and flexibility of training delivery
- Improved persistence of educational progress
- Promote collaboration across the UA System by expanding 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.

Significant UA TVEP funding supports these industry clusters:

- Fisheries, agriculture & natural resources
- Mining, manufacturing & process technology
- Science, technology engineering & research
- Energy, environmental science & green Jobs
- Health sciences
- Human services
- Architecture & construction
- Education & training
- Transportation, distribution & logistics

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

*\*The Alaska Legislature established the TVEP fund in 2000 from a portion of the Unemployment Insurance (UI) receipts taken by the Alaska Department of Labor and Workforce Development's Employment Securities Division and allocated to UA, DOLWD's Alaska Vocational Technical Education Center (AVTEC) and other Regional Training Centers. This funding will sunset in fiscal year 2014 without legislative reauthorization.*

For more information on TVEP at UA Statewide, contact Associate Vice President of Workforce Programs Fred Villa at 907/450-8008 or [fvilla@alaska.edu](mailto:fvilla@alaska.edu)

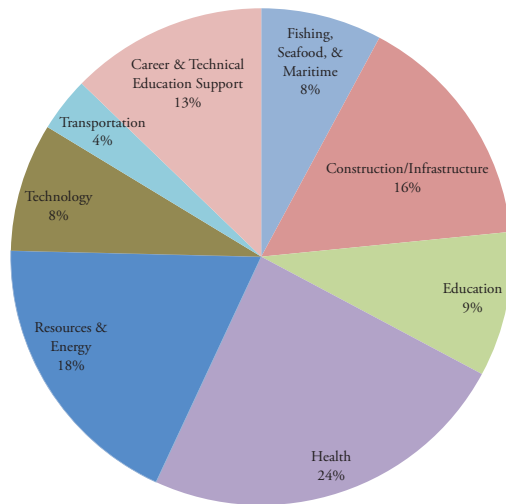


UNIVERSITY  
of ALASKA  
*Many Traditions One Alaska*

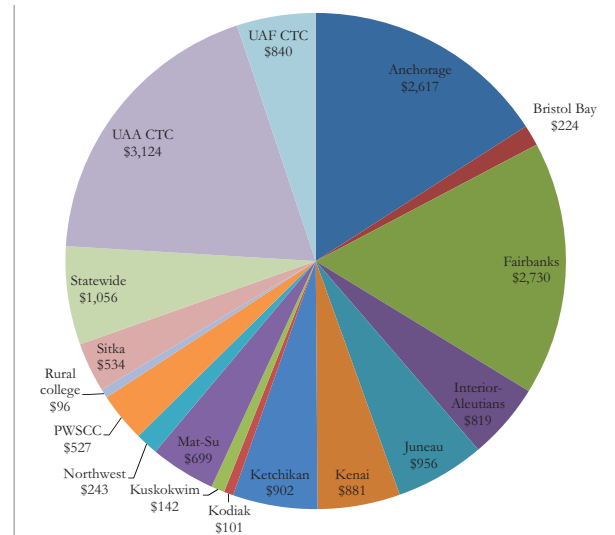


## University of Alaska Technical Vocational Education Program

### TVEP Supports High Priority Industries FY10 - FY13



### TVEP Supports UA's Campuses Statewide (in \$1,000) FY10 - FY13



## UA TVEP Funds Support Regional Workforce Priorities

### Southeast Workforce Priorities:

In Southeast Alaska, TVEP funds have supported industry-identified workforce priorities especially in **marine** transportation and **fisheries** technology. These programs are implemented in alignment with both public and private sector partners, including Vigor Alaska/Ketchikan Shipyard and Icicle Seafoods. The University of Alaska Southeast also works closely with local and regional economic development entities, such as the Southeast Conference and the Juneau Economic Development Council.

### Southcentral Workforce Priorities:

As the University of Alaska's **Health** Campus, UAA has focused a significant portion of their TVEP funds to expand or develop new health programs, such as nursing, ultrasound technology, paramedic training, physical therapy and expanded functions in dental. Many of these health programs are distance delivered and/or offered at rural campuses on a rotating schedule, making this high-demand training available to students across the state.

### Interior Workforce Priorities:

TVEP funding supports the **oil and gas** industries by expanding program delivery and hands-on equipment needs for process technology programs in the Kenai Peninsula, Anchorage and Fairbanks. The funding also goes to the Fairbanks Pipeline Training Center, which is an integral part of the overall success in supporting this workforce priority in Alaska's interior.

### Statewide Workforce Priorities:

TVEP funding supports the delivery of **Mine** Safety and Health Administration regulatory training across the state and the startup of the University of Alaska Southeast Mine Training Center, which includes a state-of-the-art mine training simulator. TVEP also supports initiatives focused on creating clear education pathways from K-12 to career, many with an emphasis on rural and native student success.





## University of Alaska Statewide 2014 TVEP Program Highlights

### Well Control - UA Mining and Petroleum Training Service (MAPTS)



**TVEP Funding:** \$124,200 for a full-time well control instructor to offer International Association of Drill Contractors (IADC) certified WellCAP and Well Intervention training to various occupations for Alaska's oil & gas industry. MAPTS also received \$50,000 for partial funding of two Mine Safety and Health Administration instructors.

**Overview:** MAPTS well control instructors provide IADC certified WellCAP and Well Intervention classes to drillers, engineers, tool pushers, well site leaders, electricians, motorman, pit watchers and well integrity coordinators who operate on the North Slope, Cook Inlet and various oil and gas fields. MAPTS is one of only two providers of well control training within the state, training 300 Alaska employees each year. Students are employed by Conoco-Phillips, BP, Doyon Drilling, Kuukpik Drilling, Nordic Calista Services, Nabors Drilling, ASRC/AES, among others.

**High-Priority Industries Supported:** Energy and natural resource development

#### **Program Advocacy:**

- *"I need the well control training to move up and it has taught me that it helps to work as a team."* ~ Matthew Gallen, well control student
- *"Using the simulators really helped solidify the concepts and kill techniques."* ~ James Niedermeyer, well control student

### Career & Technical Education (CTE) - UA Statewide

**TVEP Funding:** \$120,000 for a statewide coordinator.

**Overview:** Since 2013 UA has allocated TVEP funds to support its leadership efforts to advance CTE and Career Pathways as the framework to affect student outcomes. The measured outputs respond to high-demand workforce needs, promote cross campus collaboration and aligns with UA's Shaping Alaska's Future initiative. The partnerships with the Alaska Commission on Postsecondary Education, the Alaska Departments of Education and Early Development and Labor and Workforce Development continue to grow with the TVEP funding. Representation from these agencies has provided ongoing communication, planning and implementation of activities in support of Career Pathways/Programs of Study to agency members and beyond.



## High-Priority Industries Supported: All

### Program Advocacy:

- *“Career Pathways/Programs of Study are helping all youth in Alaska to identify their career passion and develop a plan to achieve their dreams.” ~ Cathy LeCompte, Associate Dean, UAA Community and Technical College*

### Future Educators of Alaska (FEA) - UA Statewide



**TVEP Funding:** \$275,000 for program development and support.

**Overview:** FEA is University of Alaska (UA) Statewide's only outreach program specifically designed to recruit indigenous students from Alaska's highest-need school districts into education careers with the goal of increasing Alaska Native educators in the state. Currently there are 500 primarily middle school students participating in 56 FEA clubs within 24 Alaska school districts. This year's funding will help FEA expand these numbers by building FEA clubs for high school students.

## High-Priority Industries Supported: Education and training

### Program Advocacy:

- *“I am a former FEA student. While currently pursuing my B.S. in Elementary Education through the University of Phoenix, I am teaching Unangam Tunuu and History within my local school and advising current high school students as the district FEA Coordinator. I could not express enough gratitude toward the FEA community whose exemplary college-prep program prepares students, like me, to become teachers.”*  
~ Anna Melovidov, FEA Coordinator
- *“The benefits for the Alaska Native students participating in the program include increased academic success, increased self-esteem and confidence, improved public speaking ability, and increased interest in the education profession.” ~ Jamie Stacks, former Superintendent of Pribilof School District*

For more information on TVEP at UA Statewide, contact Associate Vice President of Workforce Programs Fred Villa at 907/450-8008 or [fvilla@alaska.edu](mailto:fvilla@alaska.edu)



UNIVERSITY  
of ALASKA  
*Many Traditions One Alaska*