



# Technical and Vocational Education Program Performance

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*For Participants Exiting Programs in State Fiscal Year  
2013*

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

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\*Training program names do not exactly match those used on the previous page because there they are listed as they appear in statute (AS 23.15.835(d)) and here they are listed as they are more commonly known or as they currently refer to themselves.

# Introduction

The Alaska Legislature created the Technical and Vocational Education Program (TVEP) in 2001 to help meet Alaska's demand for trained workers. TVEP is funded by 0.15 percent of the wages on which employees are required to make unemployment insurance contributions under Alaska Statute (AS) 23.20.175. That amount is then distributed as follows according to AS 23.15.835 (the names are listed here as they are in statute, though the trainers in some cases refer to themselves differently or have made changes to their titles as reflected elsewhere in this report):

|                                                     |            |
|-----------------------------------------------------|------------|
| University of Alaska                                | 45 percent |
| Alaska Vocational Technical Center (AVTEC)          | 17 percent |
| Kotzebue Technical Center                           | 9 percent  |
| Yuut Elitnaurviat, Inc. People's Learning Center    | 9 percent  |
| University of Alaska, Southeast                     | 5 percent  |
| Galena Project Education Vocational Training Center | 4 percent  |
| Delta Career Advancement Center                     | 3 percent  |
| Northwestern Alaska Career and Technical Center     | 3 percent  |
| Southwest Alaska Vocational and Education Center    | 3 percent  |
| Amundsen Educational Center                         | 2 percent  |

For more information about TVEP: <http://labor.alaska.gov/bp/tvep.htm>

# Performance Measures Summary

For this report, the Department of Labor and Workforce Development's Research and Analysis Section (R&A) collects information from the Technical and Vocational Education Program (TVEP) recipients on participants who exited a program during state fiscal year 2012 (July 1, 2011 through June 30, 2012). Using this data R&A identifies and tracks the participants to report the performance measures reported here are those specifically set out in AS 23.15.835(e):

- 1) the percentage of former participants who have a job one year after leaving the training program;*
- 2) the median wage of former participants seven to 12 months after leaving the program;*
- 3) the percentage of former participants who were employed after leaving the training program who received training under the program that was related to their jobs seven to 12 months after leaving the training program;*
- 4) the percentage of former participants of a training program who indicate that they were satisfied or somewhat satisfied with the overall quality of the training program;*
- 5) the percentage of employers who indicate that they were satisfied with the services received through the workforce development system.*

Not all training programs provided customer satisfaction information (marked as "NA" in the tables) and some did not provide complete information on training participants. Also, where providers focused on youth, measuring the percentage working in training-related jobs wasn't meaningful because a large percentage would still have been in high school or postsecondary training.

The third measure is also problematic for some programs because matching training to jobs is an imperfect, developing process. General training such as work readiness and basic office skills relate to a variety of jobs, but none so specifically that they can be deemed "training-related." The report excludes this measure where it would clearly be more misleading than helpful.

# University of Alaska Workforce Programs\*

The University of Alaska's vocational education students were defined two ways:

- Students who were enrolled in a vocational degree—such as Occupational Endorsement Certificate (OEC), Certificate (CT1, CT2), Associate of Applied Science (AAS)—and took at least three credits in GPA-eligible courses, and earned credits
- Non degree-seeking students who took at least three credits in vocational, GPA-eligible courses and earned credits. To be defined as someone who completed or exited and included in this report, the students must not have returned to take another class in fall of 2012.

\*Although the University of Alaska Southeast gets a separate allocation under AS 23.15.835(d), its participants are included here and not separately broken out because the University of Alaska has an integrated system.

For more information about the University of Alaska Vocational Education Programs:

<http://www.alaska.edu/research/wp/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |          |
|----------------------------------------------------------------------------------------------------------------|----------|
| Total Training Participants Identified                                                                         | 4,675    |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 2,734    |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$12,516 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | 15%      |
| Participants Satisfied with Training                                                                           | 87%      |
| Employers Satisfied with Training                                                                              | NA       |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

# Alaska Vocational Technical Center (AVTEC)

Located in Seward, AVTEC is an adult vocational school. AVTEC provides training courses in areas such as maritime technology, culinary arts, applied technologies (e.g., welding, diesel and heavy equipment technologies), health care, information technology, and energy and building technology.

AVTEC has a statewide advisory board comprised of representatives from the maritime transportation, oil and gas, tourism, Alaska Native Corporations, and other sectors of the Alaska economy. The board provides insights and guidance into the development of programs and curriculum that will best meet the needs and requirements of Alaskan employers.

For more information on AVTEC: <http://avtec.edu>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |          |
|----------------------------------------------------------------------------------------------------------------|----------|
| Total Training Participants Identified                                                                         | 847      |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 515      |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$12,662 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | 41%      |
| Participants Satisfied with Training                                                                           | NA       |
| Employers Satisfied with Training                                                                              | NA       |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

# Alaska Technical Center

The Alaska Technical Center is an adult career and technical education school designed to meet the training needs of rural Alaskans. The Alaska Technical Center has four core program areas: office occupations, building industrial technology, industrial mine maintenance, and health occupations. In addition, the Alaska Technical Center provides Adult Basic Education, GED programs, and a variety of short-term training during the year.

ATC partners with Maniilaq Association, NANA Regional Corporation, Northwest Arctic Borough, and the Northwest Arctic Borough School District to maximize resources and address workforce development issues affecting northwest Alaska. Career training includes:

- Millwright maintenance: Red Dog Mine has hired 85-100 percent of the graduates of the Millwright training program over the last twenty years.
- Construction trades: NCCER Core training and NCCER Welding training
- Health occupations: courses align with the University of Alaska Fairbanks and are available for dual college credit for Certified Nursing Assistant, Personal Care Attendant, and Emergency Trauma Technician
- Business technologies: Accounting Technician, Administrative Assistant, and Microsoft Office courses

For more information about the Alaska Technical Center: <http://www.nwarctic.org/atc>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |         |
|----------------------------------------------------------------------------------------------------------------|---------|
| Total Training Participants Identified                                                                         | 139     |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 87      |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$8,752 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | 13%     |
| Participants Satisfied with Training                                                                           | NA      |
| Employers Satisfied with Training                                                                              | NA      |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

# Yuut Elitnaurviat

Yuut Elitnaurviat in Bethel is a 501c(3) corporation that provides training and education for the people of the Yukon-Kuskokwim Delta Region. Training programs cover adult basic education, construction, driving courses (including mining and driving programs), health care, and public safety and career services, a college readiness program, and facility use. The YE Regional Vocational Campus consists of two, 22-bed dormitories; a construction trades shop and a 20,000 square foot state of the art Technical Education and Support Services (TESS) Building.

- Construction trades: federally registered YK Delta Apprenticeship program has apprentices in the fields of industrial carpentry, plumbing, and electrical.
- Health Care: Hosts a Dental Therapy Program and has the only dental training clinic in rural Alaska.
- Hosts the UAA/Recruiting and Retention of Alaska Natives into Nursing, regional nursing program. Additional health care trainings also include Personal Care Attendant (PCA) Training, Certified Nursing Assistant (CNA) and a PCA-CNA Bridge.

For more information about Yuut Elitnaurviat: <http://www.yuut.org/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |          |
|----------------------------------------------------------------------------------------------------------------|----------|
| Total Training Participants Identified                                                                         | 1,698    |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 1,001    |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$10,539 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | *        |
| Participants Satisfied with Training                                                                           | 89%      |
| Employers Satisfied with Training                                                                              | NA       |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

\* Not a meaningful measure given the type of training done by this provider.

# Galena Interior Learning Academy

The Galena Interior Learning Academy (GILA) is a 9-12 grade vocational boarding school that also offers postsecondary adult vocational training. GILA is a section of the Galena City School District that opened for post-secondary students in mid-2002. A summary of program of study outcomes is provided below:

- Cosmetology 1 student earned State certification  
16 students applied for State permits
- Aviation 3 students earned private pilot's licenses  
8 students soloed  
17 students earned university credit
- Culinary Arts 40 students earned State food handler's card
- Computer Technology 73 students earned university credit
- Welding 19 students earned university credit
- Residential Carpentry 10 students earned university credit
- Health Sciences 12 students earned university credit
- Wild Fire Control 8 students earned university credit

For more information about the Galena Interior Learning Academy: <http://gila.galenaalaska.org/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |                                       |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Total Training Participants Identified <sup>[2]</sup>                                                          | 1                                     |
| Employed in Alaska One Year After Leaving Training Program <sup>[3]</sup>                                      | 1                                     |
| Median Total Wages 7-12 Months After Exit <sup>[4]</sup>                                                       | Suppressed to protect confidentiality |
| Percentage of Participants Employed in Training-Related Jobs                                                   | NA                                    |
| Participants Satisfied with Training                                                                           | NA                                    |
| Employers Satisfied with Training                                                                              | NA                                    |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> GILA does not provide information on secondary students served due to confidentiality concerns.

<sup>[3]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[4]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

# Delta Career Advancement Center

Partners for Progress in Delta partners with the Delta/Greely School District, Alaska Works Partnership, and the University of Alaska Fairbanks Cooperative Extension Service and Community and Technical College to provide training at the Delta Career Advancement Center. The educational consortium incorporated in 2007 and was named a state regional training center in 2008. Delta Career Advancement Center's 9,600 square foot facility houses a "smart" classroom for two-way interactive communication, a computer lab and a career library/conference room.

The Delta Career Advancement Center provides job training in areas such as development of the Pogo Mine, possible railroad extension, a natural gas line project, school district improvements, and public construction of roads and military housing.

- Serves as a testing site for appropriate placement in classes with students taking Accuplacer tests and proctored exams for the Center for Distance Education (CDE) and other branches of the University of Alaska.
- Hosts an annual Entry Level Heavy Equipment Operator and Mechanics Academy with outreach to rural communities, accepting students from Delta, Tok, Glennallen, Copper Center, Tanacross and Nikolai.
- Some of the courses offered, through the University of Alaska Fairbanks Community & Technical College UAF CTC), include Certified Nurse Aide, Applied Business, American Sign Language I and II, Beginning AutoCad, Applied Mining and Technology, Process Technology, Drafting, and Welding.

For more information about the Delta Career Advancement Center: <http://partnersforprogressindelta.org/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |          |
|----------------------------------------------------------------------------------------------------------------|----------|
| Total Training Participants Identified                                                                         | 145      |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 64       |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$14,960 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | *        |
| Participants Satisfied with Training <sup>[4]</sup>                                                            | 96%      |
| Employers Satisfied with Training <sup>[5]</sup>                                                               | 50%      |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

\*Not a meaningful measure given the type of training done by this provider.

# Northwestern Alaska Career and Technical Center

The Bering Strait School District (BSSD) and Nome Public Schools (NPS) developed the Northwestern Alaska Career and Technical Center (NACTEC), located in Nome.

NACTEC was designed to provide Bering Strait School District and Nome high school students with the necessary resources and skills for jobs, postsecondary education, and independent living through instruction in four focus areas: career and technical skills, career exploration, life skills, and work readiness skills. Students may take several courses some of which include dual University of Alaska credit. Several certification courses are also available.

Intensive sessions are offered throughout the school year in the following areas: Art, Aviation, Business Communications, Building Trades (NCCER), Career Exploration, Career Fair/Anchorage Career Fair, Careers in the Legal System, Certified Nursing Assistant (CNA), College Registration in Alaska, Driver's Education, Early Childhood Education, Emergency Trauma Technician (ETT), Entrepreneurship (Start Your Own Business), Field Biology (Salmon Lake Camp), Financial Leadership (Money Management), Fishing Industry/Outboard Motors, Food Service, Preparing for Postsecondary Education, Guiding: Outdoor Leadership, Health Career Exploration, Introduction to the Health Field, Jr. High Career Exploration, Machine Shop, Marketing, Metal Fabrication, Small Engine Repair, Video Technology, and Welding.

For more information about NACTEC: <http://nacteonline.org/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |         |
|----------------------------------------------------------------------------------------------------------------|---------|
| Total Training Participants Identified                                                                         | 270     |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 35      |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$1,964 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | *       |
| Participants Satisfied with Training                                                                           | 75%     |
| Employers Satisfied with Training                                                                              | NA      |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

\* Not a meaningful measure given the type of training done by this provider.

# Southwest Alaska Vocational Education Center

The Southwest Alaska Vocational and Education Center (SAVEC) was founded in June 2002 as a 501 (c)3 organization in the Bristol Bay region. The center provides career and workforce development training. Courses may include commercial driver training, weatherization, and heavy equipment operation. Many of the courses provided are in partnership with other training organizations such as CH2M Hill and Alaska Works Partnership. The partners and courses may vary each year. SAVEC is able to provide distance education including Alaska Drive Education Preparation.

An example of training provided at SAVEC:

- Weatherization Technician training, Heavy Equipment Operation, Commercial Driver's License, CPR First Aid, Hazard Analysis Critical Control Point (HACCP)

For more information about SAVEC: <http://www.savec.org/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |          |
|----------------------------------------------------------------------------------------------------------------|----------|
| Total Training Participants Identified                                                                         | 121      |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 76       |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$20,773 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | *        |
| Participants Satisfied with Training                                                                           | 82%      |
| Employers Satisfied with Training                                                                              | NA       |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

\* Not a meaningful measure given the type of training done by this provider.

# Amundsen Educational Center

Amundsen Educational Center (AEC) formerly New Frontier Vocational Technical Center (NFVTC) is a vocational school located on the Kenai Peninsula in Soldotna. Amundsen focuses on providing opportunities for training to rural Alaskans for entry level business, construction, and medical office occupations. Programs and courses teach skills for accounting clerk, professional medical coding, computer operation, residential construction skills, and employment skills training.

Diplomas and certificates provided by AEC:

- Residential Construction
- Advanced Residential Construction
- Accounting Clerk
- General Office Clerk
- Administrative Assistant
- Professional Medical Coding
- Computer Literacy

For more information about Amundsen: <http://www.aecak.org/>

| <b>Statutory<sup>[1]</sup> Training Program Performance Indicators<br/>for Participants Exiting in FY 2012</b> |         |
|----------------------------------------------------------------------------------------------------------------|---------|
| Total Training Participants Identified                                                                         | 22      |
| Employed in Alaska One Year After Leaving Training Program <sup>[2]</sup>                                      | 15      |
| Median Total Wages 7-12 Months After Exit <sup>[3]</sup>                                                       | \$4,508 |
| Percentage of Participants Employed in Training-Related Jobs                                                   | *       |
| Participants Satisfied with Training                                                                           | NA      |
| Employers Satisfied with Training                                                                              | NA      |

<sup>[1]</sup> AS 23.15.835(e).

<sup>[2]</sup> Worked in the fourth quarter after completing training with the first quarter defined as the first full quarter after training was completed. Does not include federal or self-employed workers.

<sup>[3]</sup> Median wages during the third and fourth quarter after training was completed with the first quarter defined as the first full quarter after training was completed. Does not include self-employment income or any federal wages.

\* Not a meaningful measure given the type of training done by this provider.

# Methodology

Training programs provided identifying information on participants, training start dates, and training completion or exit dates. Some programs also provided information on types of training.

The Alaska Department of Labor and Workforce Development's Research and Analysis Section then matched participant records with data provided by employers as part of their mandatory unemployment insurance reporting. Employers provide information on their employees' wages and occupations as well as their industry type and geographic locations within the state. Because the self-employed are not covered by unemployment insurance and the federal government has a separate unemployment insurance program, no data are available for those two groups.

## **The Programs and the Performance Measures**

Because each program is unique and serves a different clientele with varying needs and work histories, comparing the wages and employment measures across programs may not be appropriate. Some programs provide services to younger workers, older workers, those with few skills, or those recently laid off. Many programs serve clients who are likely to continue their education or become self-employed upon completion of their training. Those workers would not be included in the post-training wages and employment statistics.