

Questions for regional training centers and institutions receiving TVEP funds, per AS 23.15.835(d):

1. How long have you been in operation?

AVTEC was established in 1969 in Seward and opened a training center in Anchorage in 2000 to provide Allied Health programs.

2. What is your governance structure?

AVTEC is a Division of the Department of Labor & Workforce Development. Its governing Board is the Alaska Workforce Investment Board. It is nationally accredited by the Commission of the Council on Occupational Education.

3. What manner of public/private partnerships do you share?

AVTEC maintains partnerships with the following organizations:

- University of Alaska – Tech Prep articulation agreements;
- UAA School of Engineering – Ice and coastal infrastructure design simulations;
- Lake and Peninsula School District – Intro to Fisheries, and Maritime Basic Safety Training to High School students in King Salmon;
- Chugach School District – Maritime, Welding, and Career Exploration classes to High School students in Chenega and Tatitlek;
- Yukon-Kuskokwim Health Corporation – Certified Nurse Assistant training in Bethel;
- Yukon River Towing – variety of U.S. Coast Guard approved Maritime courses;
- Alaska Native Tribal Health Consortium – Certified Nurse Assistant classes and Rural Water Treatment Plant Operator training;
- Amak Towing Company – Maritime tug operator training;
- Norton Sound Economic Development Corporation – Seafood Processor training;
- Aleutian Pribilof Island Community Development Association – Refrigeration training in Atka;
- Alaska Energy Authority – Rural Power Plant Operator and Above Ground Bulk Fuel Storage Tank Operator training;
- Teck Cominco Alaska – Industrial Electrical Apprenticeship training for Red Dog Mine employees;
- Crowley, Conoco Phillips and Shell oil companies – Maritime training and port development research projects;
- Alyeska Pipeline – Alaska Native scholarship funding;
- Alaska Marine Highway System – Maritime training;
- Cook Inlet Tribal Council – Healthcare training;
- Heckla Greens Creek Mine – Scholarships and equipment donations;

- Chugach Alaska Corporation – Outreach and recruitment of shareholders and descendants.

4. What specific training programs do you offer?

AVTEC provides 17 nationally accredited certificate level programs and one Associate of Applied Science degree program. Certificate programs include: Accounting Specialist, Medical Administrative Assistant Administrative Assistant, Professional Cooking & Baking, Structural Welding, Pipe Welding, Industrial Electricity, Power Plant Operator, Master Mate not more than 200 Tons, Qualified Member of the Engine Department, Diesel/Heavy Equipment Technology, Information Technology, Construction Trades, Plumbing & Heating, Refrigeration, Certified Nurse Assistant, and Practical Nurse. The associate degree program is Registered Nurse. Additionally, AVTEC provides a large number of short (usually two weeks or less) incumbent worker, professional upgrade, industry certification, and apprenticeship related studies training classes.

5. How many participants do you currently have in those respective programs?

460 current enrollees (210 in certificate programs and 260 in distance delivered Apprenticeship Related Studies). FY13 total enrollment was 1,114 with 386 certificate programs and 728 in short-term training, an increase of 138 enrollees from FY12.

6. What do you offer in the form of degrees and/or certificates in these programs?

See the response to question 4.

7. (a) How many certifications have you issued and in what training fields, since you began operating?

Approximately 16,200 certifications in certificate programs and 32,000 short term training completers since 1969.

(b) Since beginning to receive TVEP funds?

Since FY01 approximately 4,700 certificates and 9,100 short-term completers.

8. Describe the demographic profile of your student body.

In FY13 AVTEC's student body demographics were: approximately 40% White, 37% Native, with the remaining 23% a mixture of two or more races, Black, Asian, Hispanic, Pacific Islander, or not specified; 58% came from Anchorage/Matsu, 18% from Southcentral, 11% Southwest, 3% Northwest, 4% Interior, 4% Southeast, 2% out of state.

9. What are the technical and vocational labor demands in your region and how successful are you in satisfying that demand?

AVTEC's mission is to support the workforce needs of all of Alaska. AVTEC is only one piece of the State's overall workforce development effort and the demand in the State is far greater than AVTEC's capacity to deliver trained workers. However, AVTEC is very effective at preparing Alaskans for employment. Training-related placement rate averages 89% for the past 5 years with several programs having 100% placement in training-related employment.

- 10.(a) What is your annual budget?

AVTEC's FY2015 budget totals \$15.65M. This includes the TVEP of \$1.85M and another \$1.3M in federal pass through funds for student grants and loans.

- (b) What other sources of funding do you have besides TVEP?

Unrestricted General Fund (UGF), General Fund Program Receipts (GFPR – student tuition and fees), Interagency Receipts (IA – grants and contracts from other state agencies), Statutory Designated Program Receipts (SDPR – contract training with non-state agencies, and Education Tax Credit donations), Federal Receipts (Fed – pass through federal grants and loans to students), and CIP Receipts (CIP – funds to cover maintenance staff working on capital projects).

11. What annual level of TVEP funding have you received historically and to date?

FY01 \$1.09M, FY02 and FY03 \$1M, FY04 \$1.2M, FY05 \$1.19M, FY06 and 07 \$1.1M, FY08 \$1.25M, FY09 and FY10 \$1.6M, FY11 \$1.77M, FY12 \$1.71M, and FY13 \$1.85M, FY14 \$1.85M, and if the current allocation is maintained in FY15 \$1.84M.

12. What specifically do TVEP funds pay for at your training center?

TVEP funding is vital to the AVTEC operations. It is used to pay for basic operational costs and helps ensure staff are paid, training programs are offered, facilities maintained, and student support services available.

- 13.(a) What would you do if TVEP were reduced or eliminated?

If reduced, AVTEC would have to eliminate one or more training programs depending on the level of decrease. If it were necessary to produce \$1.84M in reductions, AVTEC would have to eliminate entire training departments including Allied Health, Maritime Training Center, and Energy and Building Technology and possibly others in order to account for the loss of TVEP funds and student tuition and other funding impacts from program reductions. Eliminating these programs

would have ripple effects likely to result in negative consequences for industry support and related contributions, so it is difficult to access the full impact.

(b) Increased?

Depending on the level of increase AVTEC could add training capacity and update and replace training equipment.

14. (a) Do you operate a residential facility in conjunction with your programs?

Yes.

(b) If so, please give some history of its construction, and current manner of operation and maintenance.

AVTEC has two resident dormitories with a capacity to house 160 students. One of the dormitories is a new 112-bed dormitory that just opened January 1, 2014 to replace a dormitory built in the 1970s. The second dormitory is a 48-bed dormitory built in 2002 to increase student housing capacity. Also, there are three apartment complexes with a total of 17 family apartments comprising two one-bedroom apartments, two four-bedroom apartments, and 13 two-bedroom. These apartments were purchase from the local economy and were built in the 1970s. Additionally, all resident students are provided meals in a cafeteria and a Student Services Center that provides students with afterhours recreational, sports activities, library, and computer lab. All buildings are maintained by AVTEC's maintenance staff. Students pay room and board, and student services fees that help cover these expenses.

(c) Current number of residents?

Today there are 120 students in the dorms and 48 residents in family housing (occupying 15 of the 17 apartments). AVTEC does anticipate that is residency rates will go up in the future due to its newly completed dormitory.

15. What is your student/teacher ratio?

Average maximum ratio is 15:1. However, it varies by program dependent upon lab size, equipment, and other safety concerns for practical hands-on portion of training. For instance the maximum capacity of Pipe Welding is ten students because of the size of the lab space and number of welding booths.

16. (a) How many faculty do you employ?

AVTEC has 39 full-time instructors and three full-time instructional aides. The Instructor count includes program department heads.

(b) Describe their certification levels.

A minimum of five years journey-level trade experience is required. Sixteen instructors have master degrees, nine bachelor degrees, 11 associate degrees, and three with no postsecondary degree.

17. Describe how your training center benefits your local community or region.

AVTEC serves a statewide constituency which extends to students coming from all parts of the state for training and requires AVTEC to take into account all aspects of the state's economy. Training programs are reflective of the major industries providing high skill high wage careers in Alaska including transportation, hospitality, healthcare, construction, mining, oil and gas, and information technology.

For students enrolling in a training program AVTEC provides a proven model of delivery and a reputation for high quality training leading to good jobs. AVTEC has a proven record of success in training Alaskans and transforming them into successful entry level workers in less than a year. AVTEC makes good on its motto "Career in a Year".

The success of AVTEC's delivery model is proven by its graduation and training-related employment statistics. Training-related placement rate averages 89% for the past 5 years with several programs having 100% placement in training-related employment. Meaning students coming to AVTEC are reasonably assured a training related employment opportunity upon completion of training.

AVTEC's nationally accredited and industry recognized 8-10 month certificate programs are competency based, hands-on, and intensive. Curriculum is focused and concentrated specifically on the knowledge and skills required in the specific discipline needed to be employed in the industry. Additionally, employability skills (attendance, safety, communication, teamwork) demanded by employers are incorporated into each program. For employers recruiting for well-trained Alaskans with proven good work ethics AVTEC provides a ready source of graduates. AVTEC's attendance policy is driven by the demands of industry, and they are another factor that makes AVTEC unique from the traditional college delivery method.

18. Please share any other highlights and needs of your training center.

AVTEC maintains an industry advisory board for each and every training program area. These boards are made up of employers from that industry who hire training program graduates. They advise on curriculum, equipment, instructor qualifications, etc. AVTEC enjoys excellent support from its industry partners as evidenced by the strong job placement rate.

AVTEC has some unique and one of a kind programs. Its U.S. Coast Guard approved Ice Navigation course is the first the U.S. This program would not be

possible without AVTEC's maritime simulator and strong buy in from industry and user groups. The entire maritime program is unique in the U.S. as training starts from entry level mariners all the way up to pilot group training and assessments.

The on campus 100 Kilowatt wind turbine which is connected to a diesel generated power plant and tied into campus buildings allows AVTEC to provide one of a kind Wind Diesel Power training through its Industrial Electricity program which is also the only one of its type in state.

19. Are there other regional training centers you feel should be receiving TVEP funds?

20. Do you believe the current allocation structure for distributing TVEP funds is adequate and fair? If not, how would you recommend adjusting it?

Again, AVTEC is only one piece of the State's overall workforce development effort and there are many other programs that help meet this need across the state, but AVTEC does not have sufficient information on all of those programs to adequately speak about them or to suggest which of those programs should or should not get TVEP funding."