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## President's Community-Based Job Training Grants

*Tanana Valley Campus, University of Alaska Fairbanks*

**AWARD AMOUNT:** \$1,994,819

**AREA SERVED:** Fairbanks, North Star Borough and Interior Region, Alaska

**INDUSTRY:** Energy and Construction

**KEY PARTNERS AND LEVERAGED RESOURCES:** \$1,093,452 in leveraged resources from nine employer partners, three workforce partners, two education partners and two other partners

**CHALLENGES AND CONSTRAINTS:** Alaska's construction, oil and gas, mining, and power generation industries need skilled process technicians, operating engineers, and mechanics to keep monitoring and control systems working, to operate and maintain fleets of ground vehicles and to produce and distribute power to ensure efficient operations. Current shortages force employers to bring in one third of the equipment mechanics they need from other states. The workforce in other occupations is approaching retirement, and the industries need new sources of labor. Tanana Valley Campus (TVC) already offers certificate programs, but lacks the appropriate faculty and facilities to meet expanding workforce needs. The current training program takes over a year to complete, and is unappealing to the potential workforce.

**ACTIVITIES:** The training activities in this project will meet demonstrated needs in the construction, oil and gas, mining and power generation industries through innovative learning activities and active use of industry-based instructional sites and instructors. Activities include preparing curricula of six certificate programs in Automotive, Diesel/Heavy Equipment, Power Generation, and Drafting and Process Technology for compressed 9-12 month delivery, hiring a project manager and regular and adjunct faculty, recruiting students into the program, and building enduring instructional capacity, program systems, certificate programs and instructional facilities.

**PROJECTED OUTCOMES:**

- 270 students will be trained; 216 (80% ) program participants will graduate; and
- 180 (80%) participants will be placed in employment.

