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# Workforce Programs

*The University of Alaska is committed to preparing today's student for tomorrow, recognizing that tomorrow's careers will require advanced skills, greater knowledge, and more flexibility than ever before.*

**Education Committee**  
**Fred Villa, Associate Vice President**  
**January 23, 2009**

# Overview / Talking Points

- ▶ *UA's role in WFD: Career exploration and employability skill development, training and educating the new workforce, professional development of the existing workforce*
- ▶ *Explanation of UA awards: O.E., Certs. AA's, Bachelor's, Master's, PhD's*
- ▶ *Campuses: locations, areas served, highlight programs*
- ▶ *Career Pathways and Programs: 4-H, FFA, Career Academies, Tech Prep, ANSEP, Summer Camps,*
- ▶ *Training Performance and Investments*
- ▶ *Partnerships: State Agencies (DOLWD, EED), RTC's, School Districts, Business/Industry and related Consortiums, Organized Labor, Native Corporations,*





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## Role in Workforce Development

- ▶ Support pre-college programs with career pathways and activities
- ▶ Prepare students to enter the work force to industry standards
- ▶ Train the existing work force through professional development opportunities



# Award Levels

- ❖ Occupational Endorsements: 9–29 credits
- ❖ Certificate Awards: 30 credits minimum
- ❖ Associate's Degree: 60 credits minimum
- ❖ Bachelor's Degree: 120 credits minimum
- ❖ Master's Degree: Bachelor plus 30 credits minimum
- ❖ Doctor's Degree: credit hours vary by program

# Main Administrative Units (MAUs)

University of Alaska Statewide

UAA

**Anchorage Main Campus**  
**Community and Technical College**  
Chugiak-Eagle River Campus  
Kodiak College  
Kenai Peninsula College  
Matanuska Susitna Campus  
Military Programs  
Prince William Sound C.C.

UAF

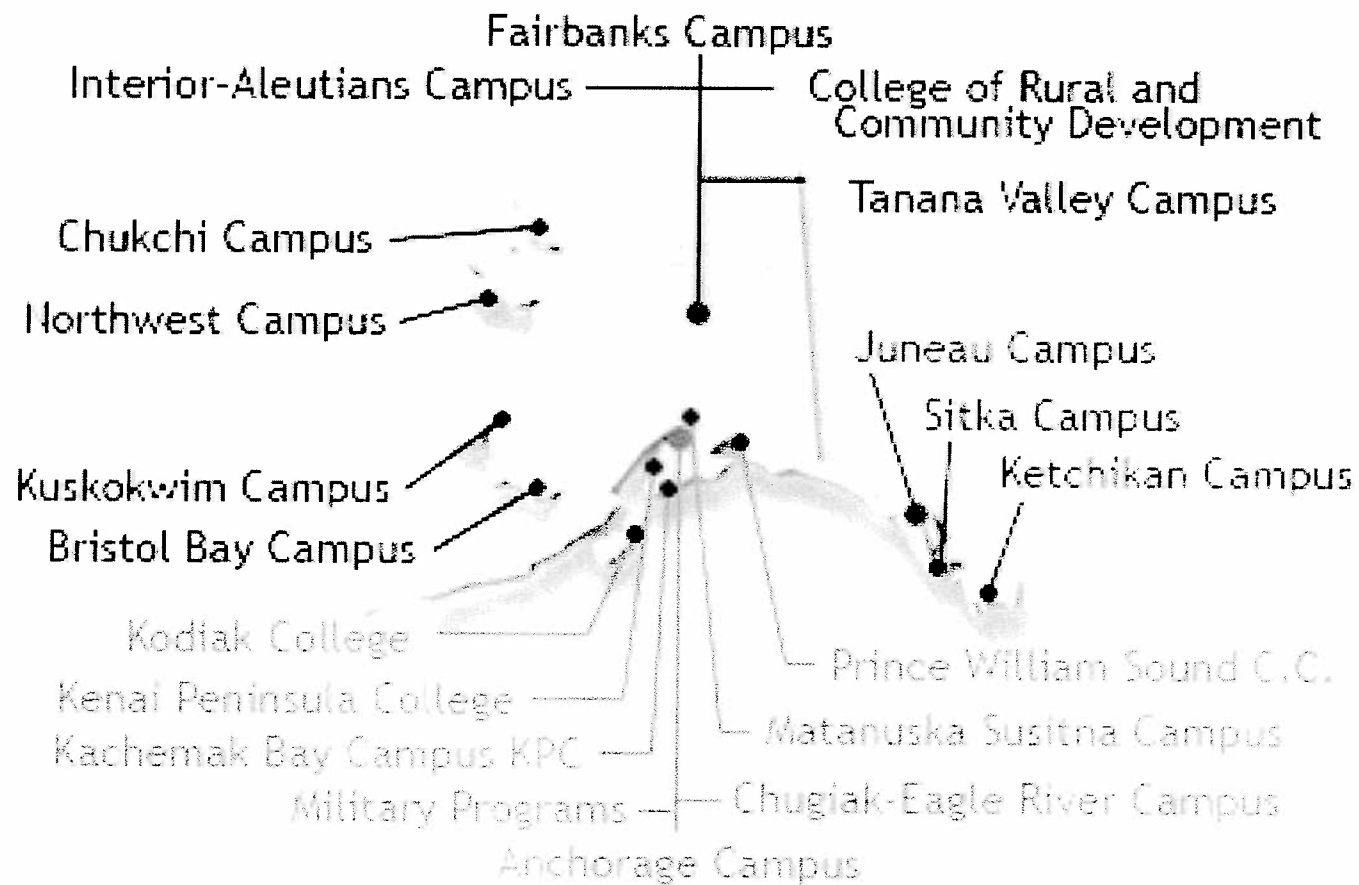
**Fairbanks Main Campus**  
**College of Rural and Community Development**  
Bristol Bay Campus  
Chukchi Campus  
Cooperative Extension  
Interior-Aleutians Campus  
Kuskokwim Campus  
Northwest Campus  
Tanana Valley Campus

UAS

**Juneau Main Campus**  
Ketchikan Campus  
Sitka Campus



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## Campus Affiliated Sites

Copper Basin Extension Center, Glenallen

Cordova Extension Center, Cordova

Chugiak/Eagle River Campus, Eagle River

Kachemak Bay Campus, Homer

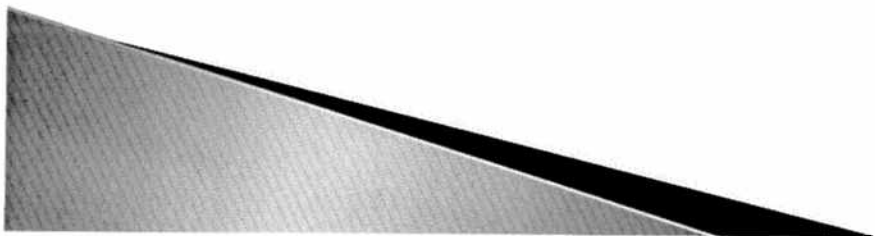
McGrath Center, McGrath

Nenana Center, Nenana

Tok Center, Tok

Yukon Flats Center, Ft. Yukon

Yukon-Koyukuk Center, Galena

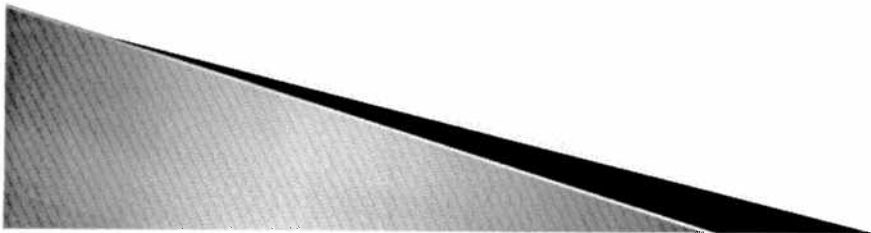




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## Campus Affiliated Military Sites

Eielson AFB Military Education Services, Eielson AFB  
Elmendorf AFB Military Education Services, Elmendorf AFB  
Ft. Richardson Military Education Services, Ft. Richardson  
Ft. Wainwright Military Education Services, Ft. Wainwright





# Alaska's Pathways to Successful Careers

Pre-school through 6

Middle School 7-8

High School 9-12+

Post Secondary

**Career Awareness**

**Career Exploration**

**Career Preparation**

**Career Choice**

**Health Care**

**Process Industry**

**Construction**

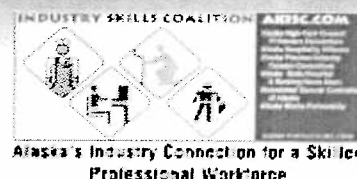
**Hospitality**

**Transportation**

**IT & Computer Technology**

**Say YES**   
Youth Employability Skills

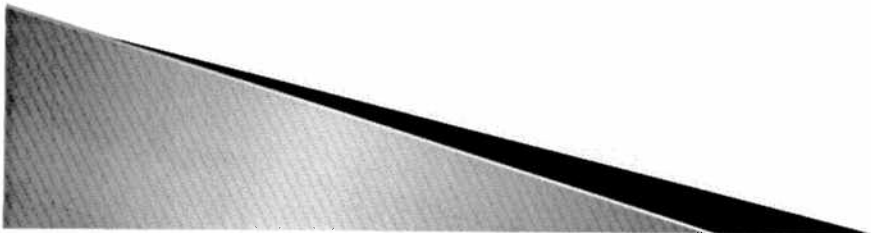
**to your Future!**





## Program Highlights Career Pathways

- ▶ 14 Career Clusters
  - Demonstrating all UA programs:  
<http://www.alaska.edu/swacad/wp/careerclusters/>
- ▶ UAA Career Pathways
  - Demonstrating all UAA programs
  - Distributed to every school district in the state
- ▶ Hot Jobs
  - Construction and Engineering
  - Health



## Program Highlights K-12 Outreach

- ▶ Career Academies – Construction, Culinary Arts, Process Technology, Electrical, Painting and Drywall
- ▶ Future Teachers – Promotes teacher education careers
- ▶ Robotics and Pre-Engineering Programs (ANSEP)
- ▶ Health Career Clubs – Promotes Health Careers
- ▶ 4-H and FFA – Programs that promote communication, community service, leadership, not just agriculture



## Additional Outreach Programs

- ▶ **Adult Basic Education (ABE)– Enrollment: 1176**
  - Courses Preparing Students for GED
  - English as a Second Language (ESL)
  - Citizenship Preparation
- ▶ **Tech Prep –**
  - Over 1200 students in secondary course of study
  - 340 students additionally enrolled in UA
  - 34 school districts in FY08
- ▶ **Dual Credit – Enrollment: 4214 in FY08**
  - Most Popular Courses by number: Computer Information Office Systems, Computer and Networking Technology, Early Childhood Education, Construction Technology, English, and Welding



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## UA Agency Partnerships in Workforce Training

- ▶ **Labor and Workforce Development**
  - Apprenticeships
  - AVTEC
  - Hot Jobs
  - One-stop Job Centers
  - Research & Analysis
- ▶ **Education and Early Development**
  - Career and Technical Education
  - Tech Prep
  - Teacher Mentorship
  - Early Childhood Education
- ▶ **Health and Social Services**
  - Allied Health
  - Behavior Health
  - Nursing
  - Social Sciences



# UA Private Sector Partnerships in Workforce Training

- ▶ **Alaska Workforce Investment Board**
  - Identify state's priorities for workforce needs
  - Establish policies and guidelines
  - Support Regional Advisory Councils
- ▶ **Alaska Commission on Postsecondary Education**
  - Maintains Alaska Learning Exchange System – ALExSys
  - Distributes Student Loans
- ▶ **Alaska Process Industries Careers Consortium**
  - Promotes careers in Alaska process industries including oil, gas, mining, power generation, and associated industries
  - Systemically supports curriculum review of UA-related programs with UA faculty and industry representatives
  - Promotes student internships, teacher externships, and employability skills training
  - Provider of the North Slope Training Cooperative safety training program
- ▶ **Putting Alaska's Resources to Work**
  - Promotes policies, extracts data, and industry interests for the oil, gas, and mining industries in Alaska
- ▶ **Organized Labor**
  - UA developed an Apprenticeship Technology program to recognize these quality training programs
  - Organized labor has recognized UA programs that support entry-level apprenticeship training
- ▶ **Native Corporations**
  - Working closely with Native Corporations to support their training efforts regionally and statewide
- ▶ **Private Businesses and Industries**
  - Meeting the specific needs of businesses and employers through professional development and regulatory training
  -



## Campuses and Regional Training Centers

Tanana Valley Campus – Partners for Progress, Delta  
Community and Technical College – AVTEC, Seward

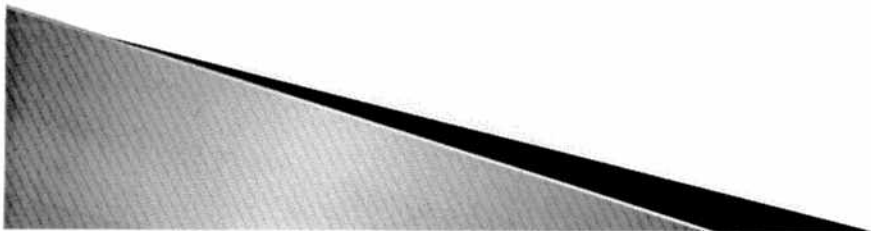
Bethel Campus – YUUT, Bethel

Chukchi Campus – KotzTech Learning Center, Kotzebue

Northwest Campus – NacTech, Nome

Sitka Campus – Sitka Education Consortium, Sitka

Bristol Bay Campus – SAVEC, King Salmon

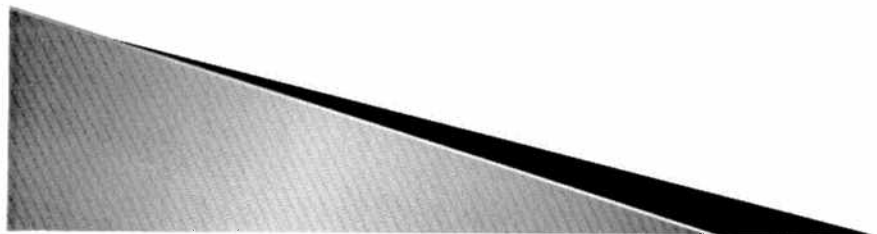




## Workforce Programs Performance Summary Technical Vocational Education Program FY01 – FY08

\$25.9 million to UA – follows the AWIB HD/HG

- ▶ Student Enrollment
  - increased from 17,724 to 26,007
  - 47% increase
- ▶ Students Receiving Degrees or Awards
  - increased from 1,768 to 2,610
  - 48% increase



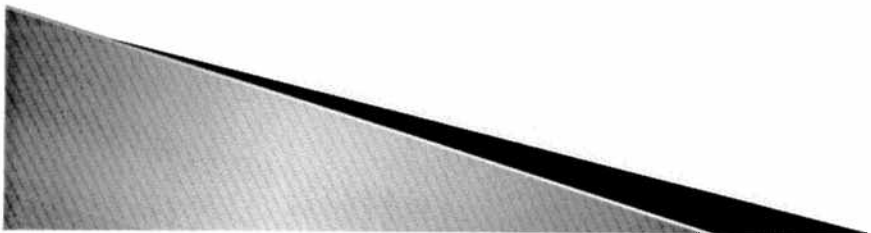




## Workforce Programs Performance Summary Technical Vocational Education Program FY01 – FY08

### Distribution of TVEP Funds

- ▶ UAA – 55.3%,
- ▶ UAF – 24.7%,
- ▶ UAS – 17.8%
- ▶ SW – 2.2%



## Workforce Programs Performance Summary Technical Vocational Education Program FY01 – FY08

### Program Distributions

- ▶ Allied Health 17%
- ▶ Information Technology 15.1%
  - ▶ Transportation 10.5%
  - ▶ Nursing 9.6%
  - ▶ Early Childhood 8.8%
- ▶ Process Technology 7%



## Program Performance High Demand/High Growth Occupation Degree Production

- ▶ Allied Health and Nursing: 407
- ▶ Applied Engineering: 219
- ▶ Behavioral Health: 308
- ▶ Business: 469
- ▶ Construction: 46
- ▶ IT: 126
- ▶ Natural Resources: 229
- ▶ Process Technology: 93
- ▶ Protective Services: 77
- ▶ Teacher Education: 390
- ▶ Transportation: 134



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