



Partnering to Train Alaska's Workforce

Lunch and Learn
Juneau, Alaska – March 14, 2023



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Agenda



- Overview of DOLWD AVTEC and UA
- DOLWD and UA Partnerships
- The Alaska Maritime Education Consortium
- Yamaha Partnership



Alaska Vocational Technical Center (AVTEC)

- A division of the Department of Labor and Workforce Development
- Fifty years delivering training to Alaskans
- Accredited twenty-five years through the Council on Occupational Education
- Serving Alaskans from 120 communities



Alaska Vocational Technical Center (AVTEC)



Full list of AVTEC
programs can be
found here

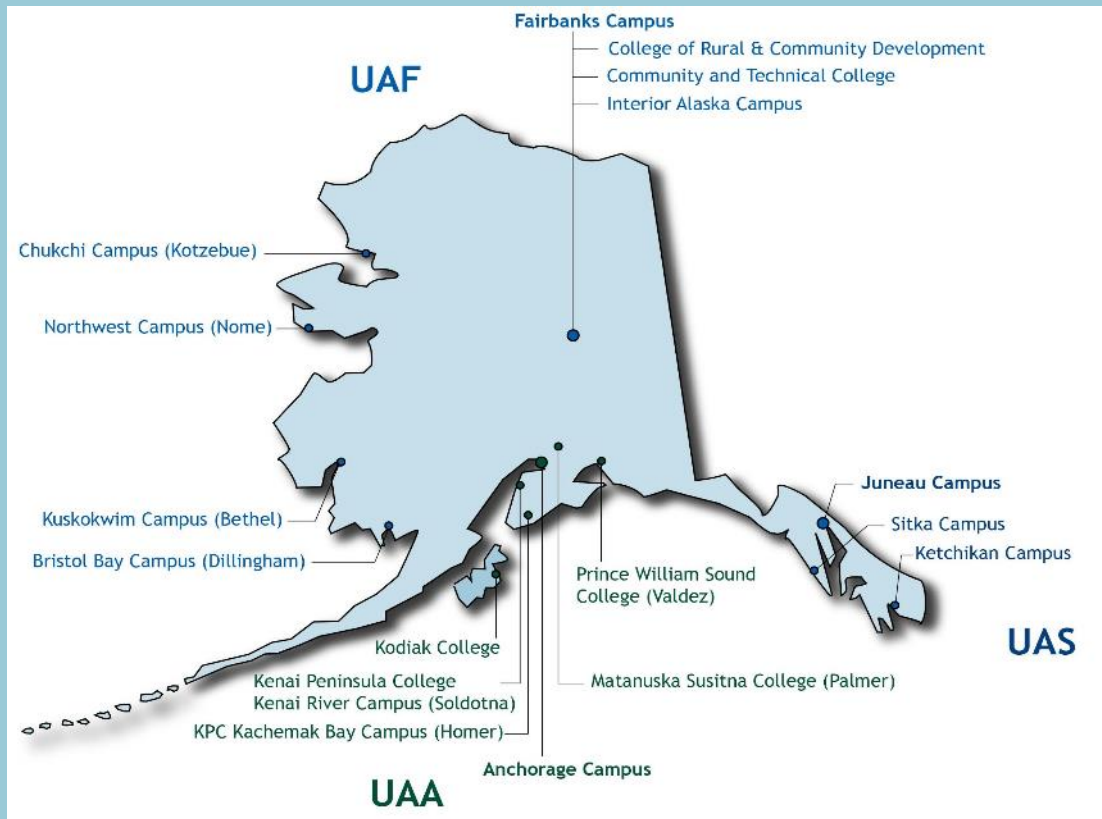
- Alaskans are trained and ready for work in less than one year
- Workplace simulation prepares students for employment
- Over 90% completion rate and of the completers over 90% are employed





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Alaska's System of Higher Education



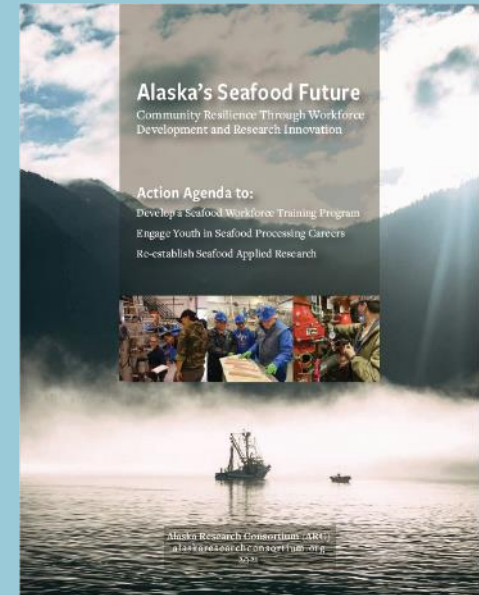
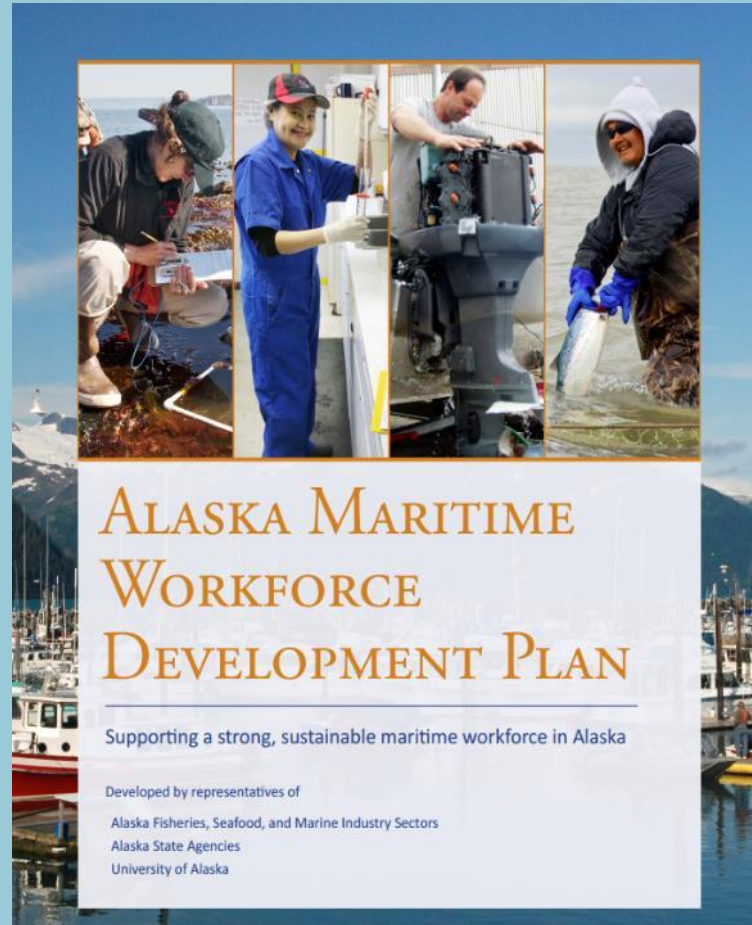
- Serving Alaska for over 100 years
- 460 certificate & degree programs
- 20,000+ students
- Awarded 44,000 certificates & degrees over the past 10 years

Partnerships for Workforce Development



- Maximizing federal funding to increase access to training and education
- Partnering with the State Broadband Office to develop a workforce plan
- Expanding IT pathways
- Leveraging resources to deliver construction training to rural sites
- Established the Alaska Maritime Education Consortium to strengthen maritime pathways statewide

70,000+ Jobs in 150 Coastal Communities



<https://www.maritimeworks.org>



Alaska Maritime Education Consortium

VISION: Alaskans Fulfilling the Workforce Needs of Alaska's Maritime Economies

MISSION: Collaborating to prepare Alaskans for afloat and ashore careers that will support and strengthen the maritime workforce.

STRATEGIC PRIORITIES:

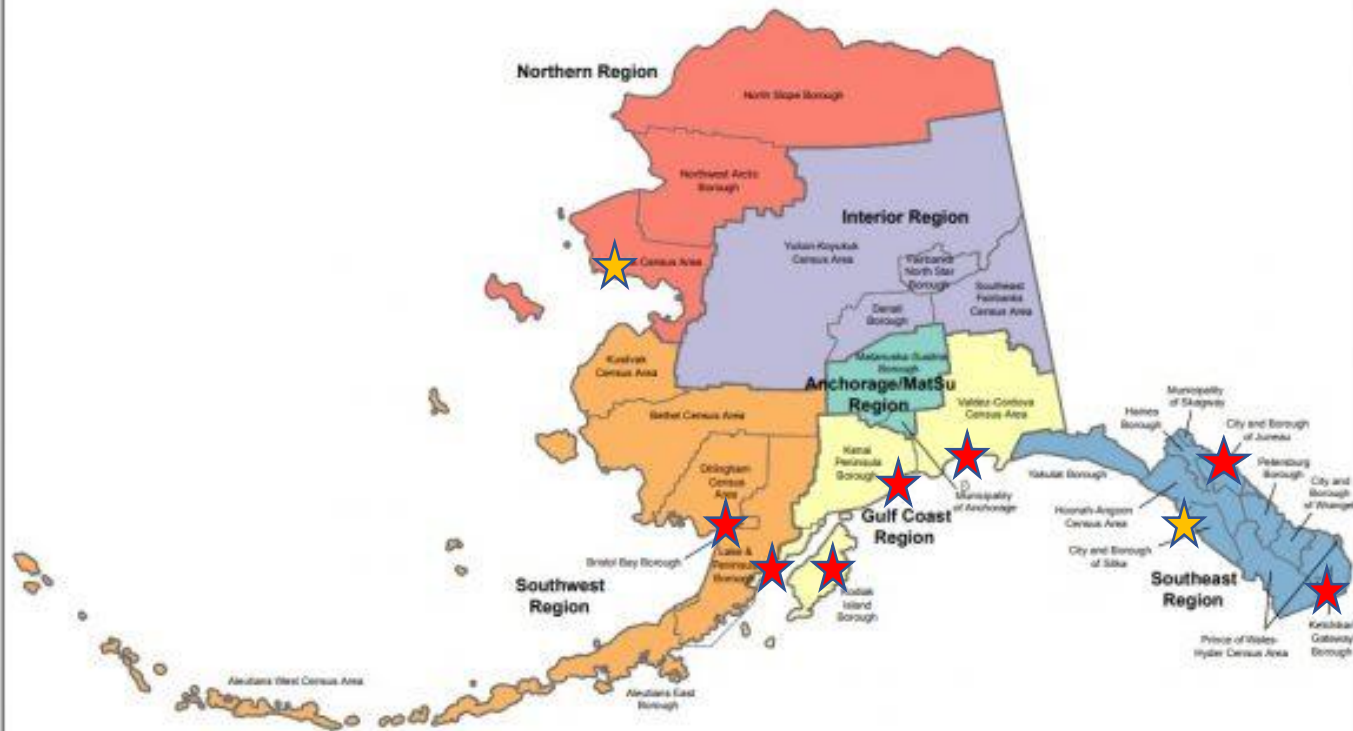
- Leverage and coordinate maritime training resources and assets to provide access to quality maritime training locally and statewide.
- Engage maritime industry employers, associations, stakeholders, and other partners to advance our mission.
- Work efficiently to prioritize and support training investments for maritime workforce needs.

AMEC TRAINING PARTNERS

- AVTEC Alaska Maritime Training Center
- UAA Kachemak Bay Campus
- UAA Kodiak College
- UAA Prince William Sound College
- UAF Bristol Bay Campus
- UAS Ketchikan Maritime Training Center
- Affiliate Members



Expanding Access to Training



Note: Based on 2013 Geography

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

Maritime Pathways

Ashore Career Pathways

- Marine Technical
- Marine Electrician
- Marine Engineer
- Welder
- Basic Vessel Repair

Afloat Career Pathways

- Steward
- Able Seaman
- Qualified Member of the Engine Department (QMED)
- Master Mate / Captain



Alaska Maritime Training Center @ AVTEC



YOUTH OUTREACH AND CAREER EXPLORATION

- Introduction to Nautical Skills course for high school students available online and in person

LICENSES / CERTIFICATIONS

- Over 40 United States Coast Guard courses available in deck and engine, entry level to advanced
- Associate School Northern Maritime Institute offering online USCG approved courses
- Three full mission bridge simulators
- Company and vessel specific training available



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SOUTHEAST

Maritime Training Center

- Full Bridge Simulator
- 22+ USGC Courses
- Marine Fabrication & Repair Training

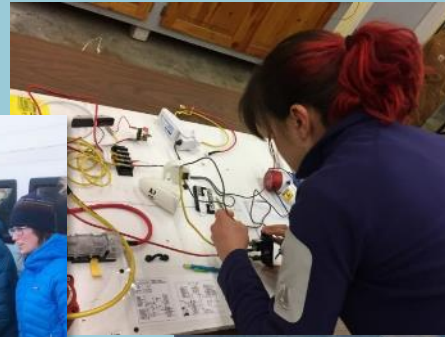
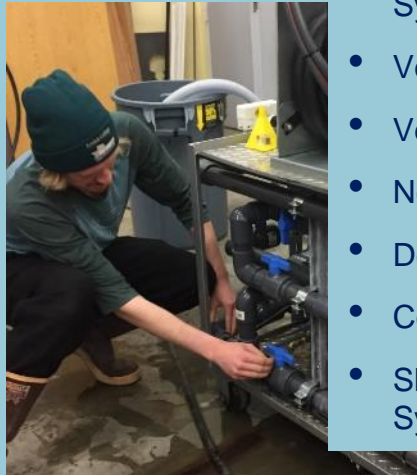




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Maritime Programs at:

- Kachemak Bay Campus
- Kodiak College
- Prince William Sound College



- Marine Electronics
- Refrigerated Seawater Systems
- Vessel Repair & Maintenance
- Vessel Systems Overview
- Net Mending & Splicing
- Deckhand Skills
- Coastal Navigation
- Ship Escort/Response Vessel Systems



Micro-credential Crew Classes

Marine Advisory Program & Bristol Bay Campus



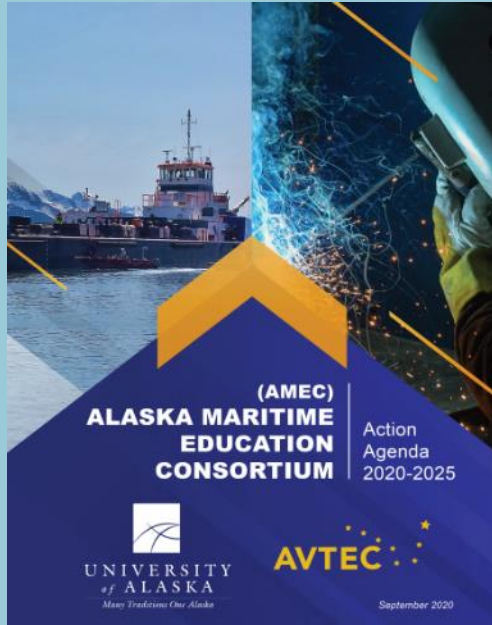
Developing a crew
apprenticeship
program

Alaska Maritime Education Consortium 2021 Center of Excellence for Domestic Maritime Workforce Training and Education





AMEC Activities



- Second DMCoE Application Pending with MARAD
- Partnering with Maritime Works to expand awareness of career opportunities
- Investing state funding to upgrade the USCG fire fields at AVTEC and UAS Ketchikan and to establish Marine Technician programs in partnership with Yamaha



Questions

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