

Celebrating 50 Years of Training Alaskans



Alaska Maritime Workforce Development
Terry Federer
Maritime Department Head



AVTEC
avtec.edu

AVTEC at a glance

- A division of the Alaska Department of Labor and Workforce Development, expanding employment opportunities for Alaskans.
- Affordable & applicable postsecondary technical and employability skills training.
- Providing training since 1969 – 50th Anniversary in 2019!
- Nationally accredited by the Council on Occupational Education.
- 12 Training Programs

Student Outcomes

- COMPLETION: In FY18, **97%** of AVTEC students enrolled in long term programs completed.
- EMPLOYMENT: **93%** of those obtained training-related jobs.
- IMPACT ON FUTURE EARNINGS: AVTEC completers on average **earn over 60% more** than before completing training.



Alaska Maritime Training Center

Seward Alaska



Mission

To build a domestic maritime workforce focused on Alaskan industry needs and Alaska's challenging operational environment including the Arctic Region.

To provide Alaskans the skills and technical knowledge that will enable them to thrive in Alaska's challenging and ever evolving maritime working environment.

Training Pathways



- 40 USCG and IMO Courses Approved
- Specialized Training
- License Preparation for Advanced USCG Licenses.
- FY19 over 1100 Students Certificated

Visit AVTEC.EDU



United States Coast Guard
U.S. Department of Homeland Security

Youth Outreach / Pre-apprentice

The Young Mariner Training Program

Introduction to Navigational Skills
USCG Approved Training

Licenses / Certifications

Able Seafarer
Deck & Engine
Able Bodied Seaman, Mate and Ship Master
Qualified Member of the Engine Department

Advanced Training

Advanced Maritime Officer Training For Deck and Engineering Departments
Company and Vessel Specific Training



Full Mission Bridge Simulator

- 3 Interactive Full Mission Bridges
- Meets STCW, IMO, Class A - Det Norske Veritas AS (DNV)
- Ice Breaker
- Tug & Ship Interactions
- Azimuth Controls
- 71 Area Databases
- 46 Ownship Models
- 47 Target Vessels, 16 Flotsum
- Sea Ice
- All Weather
- All Seasons



Marine Fire Training and Crane Safety Training



Customized Training Research & Development

- Advanced Ship Handling
- Arctic Operations
- Leadership and Advanced Officer Training
- Port and Harbor Research & Development



Youth Outreach

Young Mariner Training Program

- Introduction To Nautical Skills
- USCG Approved Courses
- Tuition may be grant funded
- 439 Students
- School Districts around the state and more



Introduction to Nautical Skills

- Distance delivered throughout Alaska and now the US.
- 12 week long interactive course. Class broadcasted live.
- Can also be done onsite in a compact week long session.



A screenshot of a Zoom meeting interface. The top left shows the Zoom Meeting ID: 473-519-603. The main area is a grid of video feeds for participants. One feed shows the Alaska Maritime Training Center logo. The right side shows a list of participants: Debi Burdick-Hinton (Co-host, me), RThomas (Host), Caryn Dull, cir.newtok, Dayna Nash, Janet Erik, Kimberly Nicholai, Lawrence Albert, and Lucy Martin. The bottom right corner shows a person sitting at a desk with a laptop, looking at a large screen displaying the Zoom meeting grid. The person is wearing a light-colored shirt and is looking towards the screen.

Youth and USCG Approval

Basic Training, AB and Master's License



Marine Vessel Repair and Maintenance Training

Topics

- Marine and Yard Safety
- Shipyard Competent Person
- Crane Operation and Rigging
- Tools and Machine Shop
- Vessel Mechanical Systems
- Welding and Fabrication
- Vessel Carpentry
- Marine Fiberglass
- Marine Coating

Offered as a package or individually.



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