



COURSE DETAILS

US Coast Guard Approved

This US Coast Guard approval provides significant advantages for seafarers seeking to upgrade their skills and credentials and for those seeking entry into the maritime field.

Topics Covered / Skills Learned

Orientation & Safety	Refrigeration
Naval Architecture	Boilers
Internal Combustion Engines	Rigging
Electricity	Basic Fire Fighting
Welding	First Aid / CPR / AED
Pumps & Valves	Personal Survival
Hydraulics	Personal Safety & Social Responsibility

Employment Possibilities

- **Fisheries** – This program will train workers to maintain and repair refrigeration systems, complex hydraulics, engines, electricity and other power systems on fishing vessels and seafood processing plants.
- **Manufacturing** – Ketchikan has a growing shipyard with state-of-the-art equipment and power systems. Vigor Alaska needs qualified employees to weld and who have knowledge of electrical systems, power tools and other industrial equipment.
- **Mining** – Heavy equipment, electricity generation, pumps and material handling equipment are all areas in need of qualified workers.
- **Tourism** – Maintenance and upkeep of vehicles and other transportation systems are in critical need of qualified workers.
- **Transportation** – Both sea and land transportation vehicles need workers qualified to work on and maintain engine, hydraulic and other systems.

Students Completing This Course Receive:

- USCG Certification as a QMED - Oiler (UNIVAS-389) upon completion of sea time
- First Aid / CPR / AED certification
- Basic Safety Training certification - a US Coast Guard-approved course that meets the requirements of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) 95. The four modules of the course are:
 - Basic Fire Fighting
 - Personal Survival
 - First Aid / CPR
 - Personal Safety & Social Responsibility

Course Expectations

This is a fast-paced, demanding course that covers a large amount of material in a condensed time frame. Students should be aware that the course meets 7 hours a day, 5 days a week for 12 weeks.

Instructor

Larry O'Loane, USCG Licensed Marine Engineer (retired), provides expertise garnered from his many years in the maritime industry, including his 20-year career as an Engineering Officer in the US Merchant Marine.

Register Early

Students are encouraged to register early to secure their place in the class. Space is limited. *Scholarships are available. This course is approved for VA funding.*

"I like that this program goes over basic skills for some of the trades in Alaska. I've found that it's harder as a female to get hired in a male-dominated profession when you have no skills. This course offers the basics that I can build on to break into careers that are not usually pursued by women."

*- Jessica Palma
M&MSW Student*