

MARITIME & MULTI SKILLED WORKER O.E.

Ketchikan

The Maritime & Multi Skilled Worker (M&MSW) program provides training in basic maritime and industrial skills. The Occupational Endorsement emphasizes the student's preparation as an entry level worker with recognized industrial skills. The M&MSW program is a United States Coast Guard approved QMED (Qualified Member of Engine Department) Oiler class. Successful completion of the program, along with accruing necessary seetime, permits the issuance of a USCG QMED Oiler credential without any further testing.

Maritime & Multi Skilled Worker

This course of study is for individuals who desire to pursue a career emphasizing vessel and industrial operating systems, vessel and industrial maintenance and machinery repair.

Endorsement Requirements

Requirement		Hours
Minimum Credit Hours		20
Code	Title	Credits
DESL S110	Diesel Engines	6
DESL S125	Basic Hydraulics	3
DESL S130	Refrigeration and Air Conditioning	2
MTR S129	Basic Training	2
MTR S181	Marine Electrical Systems	3
MTR S182	Naval Architecture and Engineering Systems	1
WELD S120	Basic Welding	3
Total Credits		20

Upon completion, students will be able to:

1. Students will demonstrate the ability to work safely in an industrial environment.
2. Students will understand the operation and maintenance of the diesel engine.
3. Students will understand the fundamentals of safe rigging practices.
4. Students safely and appropriately use hand tools.
5. Students will understand the use of precision measuring tools.
6. Students will understand the basic principles of ship design.
7. Students will understand the ships operating systems.
8. Students will describe the basic principles of refrigeration.
9. Students will describe the basic principles of hydraulics.
10. Students will identify the basic components of a hydraulic system and describe their principles of operation.
11. Students will describe the fundamentals of and working safely with electricity.
12. Students will describe the use and function a fundamental electrical devices.

13. Students describe and demonstrate fundamental welding procedures.