Below is a summary of Engineering courses currently approved by the U.S. Coast Guard as of the date indicated at the bottom of this page. Mariners considering attending an approved course should review the "Comments" section to insure that the course will meet their requirements. Please note that courses may be offered at other locations than the address listed for the school, contact the schools for locations and dates of specific courses.

USCG Approved Engineering Courses

Calhoon MEBA Engineering School

27050 St. Michael's Road

Easton MD 21601-

(410) 822-9600 E-Mail: mebaschool@mebaschool.org

Web Page:

COURSE	APPROVAL
CONTAINER REFRIGERATION	Any licensed engineer successfully completing your 2-week Container Refrigeration course while holding a valid "Universal Technician Certificate" as described in 40 CFR Part 82, and presenting your Certificate of Training at a Regional Exam Center, will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, for the function of Marine Engineering at the management level for Operating Principles of Ships Refrigeration.
DIESEL ENGINEER	Any applicant completing your 6-week Diesel Engineering course, and presenting your Certificate of Training to the OCMI, will: (1) --IF-- accompanied by your signed letter attesting to the successful completion of approved practical demonstrations, satisfy the requirements of 46 CFR 10.502 (b)(4) and Table A-III/2, "Operation and Maintenance of Marine Diesel Engines" of the STCW Code; and may be issued an endorsement at the same level to their valid steam engineer license for motor plants without further examination; --OR-- (2) if NOT accompanied by your signed letter attesting to the successful completion of approved practical demonstrations, satisfy the requirements of 46 CFR 10.502 (b)(4) and may be examined for an endorsement at the same level to their steam engineer license for motor plants; --OR-- (3) be credited with 70 days sea service toward the upgrade of their existing motor license. This course does not satisfy the requirements for recency of sea service.
ELECTRICAL TROUBLESHOOTING	Any applicant who has successfully completed your 2-week Electrical Troubleshooting course will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, Function: Electrical, electronic and control engineering at the management level, for the competency of Operating electrical and electronic control equipment, testing and maintenance of electrical equipment, including fault diagnosis, PROVIDED they have also successfully completed your 4-week Electricity, 4-week Analog Electronics, and 4-week Instrumentation courses.
ELECTRICITY	Any applicant who has successfully completed your 4-week Electricity course will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, Function: Electrical, electronic and control engineering at the management level, for the competency "Operating electrical and electronic control equipment, testing and maintenance of electrical equipment, including fault diagnosis" PROVIDED they have also successfully completed your 2-week Electrical Troubleshooting, 4-week Analog Electronics, and 4-week Instrumentation courses.
ENGINE ROOM RESOURCE MANAGEMENT	Any licensed engineer successfully completing your 35-hour Engine Room Resource Management course and presenting your certificate of training at a Regional Exam Center, will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, Function: Controlling the operation of the ship and care for persons on board at the management level, for the competence Maintain the safety and security of the vessel, crew, passengers and the operational condition of life-saving, fire fighting and other safety systems.

GAS TURBINE ENGINEERING	Any applicant, who has successfully completed your 120-hour Gas Turbine Engineering course and presents your Certificate of Training at a Regional Exam Center, will be considered to have successfully demonstrated the competencies "Operate Main and Auxiliary Machinery and Associated Control Systems" of Table A-III/1 of the STCW AND "Operate, Monitor and Evaluate Engine Performance and Capacity" of Table A-III/2 of the STCW Code for Gas Turbine propulsion plants; AND may have their engineering license endorsed for gas turbine propulsion.
HIGH VOLTAGE SAFETY	Any licensed engineer successfully completing your 30-hour High Voltage Safety course and presenting your certificate of training at a Regional Exam Center, will satisfy the: (1) training and assessment requirements of the STCW Code, Section A-III/1, TablesA-III/1, Function: Maintenance and repair at the operational level, for the competency of Maintain marine engineering systems, including control systems; safety and emergency procedures; OR, (2) training and assessment requirements of the STCW Code, Section A-III/2, Table A-III/2, Function: Function: Maintenance and repair at the management level, for the competency Ensure safe working practices.
INSTRUMENTATION	An unlimited horsepower licensed engineer successfully completing your three-week Electricity –AND- Two-week Electrical Troubleshooting –AND-, Four-week Analog Electronics, -AND- Four-week Instrumentation courses and presenting each of the four certificates of training at a Regional Exam Center, will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, Function: Electrical, electronic and control engineering at the management level, and may be examined to upgrade their unlimited Second Assistant Engineer license and Officer in Charge of an Engineering Watch certificate to First Assistant Engineer and Second Engineer Officer certificate for steam and/or motor vessels by testing on the examination modules 541XX, Engineering Management Part I, 542XX, Engineering Management Part II, 543XX, Engineering Management Part III (Motor), and/or 544XX, Engineering Management Part III (Steam).
MARINE ELECTRIC PROPULSION	Any licensed engineer successfully completing your 30-hour Marine Electric Propulsion course and presenting your certificate of training at a Regional Exam Center, will satisfy the training and assessment requirements of the STCW Code: (1) Section A-III/1, Table A-III/1, Function: Marine Engineering at the operational level, competence Operate main and auxiliary machinery and associated control systems; marine electric propulsion; --OR-- (2) Section A-III/2, Table A-III/2, Function: Marine Engineering at the management level, for the competence Start up and shut down main propulsion and auxiliary machinery, including associated systems; Operate, monitor and evaluate engine performance and capacity; and maintain safety of engine equipment, systems and services marine electric propulsion.
PROGRAMMABLE LOGIC CONTROLLERS	Any applicant who has successfully completed your 2-week Programmable Logic Controllers course will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, Function: Electrical, electronic and control engineering at the management level, for the competency "Operating electrical and electronic control equipment, testing and maintenance of electrical equipment, including fault diagnosis" –PROVIDED-- they have also successfully completed your 4-week Electrical, 2-week Electrical Troubleshooting, 4-week Analog Electronics, and 4-week Instrumentation courses.
REFRIGERATION	Any applicant who has successfully completed your 4-week Refrigeration course will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, for the function of Marine Engineering at the management level for Operating principles of ships refrigeration, provided the applicant also holds an "Universal Technician Certificate" per 46 CFR Part 82.

STEAM ENGINEERING	Any applicant successfully completing your Steam Engineering Course and presenting your Certificate of Training at a Regional Exam Center, will be permitted to examine directly for one of the folowing: (1) endorsement as Third Assistant Engineer - Steam if the existing license is for Third Assistant Engineer motor only; --OR-- (2) endorsement as Second Assistant Engineer - Steam, if the existing license is for motor only at Second Assistant Engineer; --OR-- (3) equivalent steam endorsement to the level of unlimited Chief Engineer or First Assistant Engineer motor license, if the existing license is endorsed for Second Assistant Engineer - Steam, and obtained through at least four months of documentary evidence of service on steam vessels.
UPGRADING ENGINEERS MANAGEMENT LEVEL	Any applicant having acquired one year of service at the Operational Level of Officer in Charge of an Engineering Watch who has successfully completed your 150-hour Upgrading Engineers, Management Level course will satisfy the STCW Code, Table A-III/2, Function: Controlling the Operation of the ship and care for persons on board at the management level training requirements for STCW certification of Chief Engineer Officer and Second Engineer Officer (First Assistant Engineer – US) on ships powered by main propulsion machinery of 3,000 kW propulsion power or more.

Galliano Training Center, LLC

P.O. Box 310

Galliano LA 70354-0310
(985) 601-4371 E-Mail: training@chouest.com
Web Page: #http://www.eco.chouest.com#

COURSE	**APPROVAL**
QMED - OILER	Any applicant successfully completing your 160-hour Qualified Member of the Engineering Department (QMED) Oiler- (Motor Vessels) course, and presenting your Certificate of Training at a Regional Exam Center, will satisfy: (1) the examination requirements of 46 CFR 12.15-9, for an endorsement as Qualified Member of the Engine Department Oiler - (Motor Vessels) PROVIDED they also present evidence of acquiring at least 180 days engine room sea service, --AND-- (2) the training requirements of 46 CFR 12.15-3(e) and Section A-III/4 and Table A-III/4 of the STCW Code, Specification of Minimum Standard of Competence for Ratings Forming Part an Engineering Watch, for service on vessels without propulsion steam boilers PROVIDED that candidates have obtained sixty days of service following completion of this course and have been successfully assessed in all the practical skill demonstrations prior to the certificates of course completion being issued.. School formerly "Edison Chouest Offshore."

Great Lakes Maritime Academy - Continuing Education

Northwestern Michigan College
1701 East Front Street
Traverse City MI 49686-3061
(231) 995-1200 E-Mail: jurokos@nmc.edu
Web Page: #http://www.nmc.edu/~maritime#

COURSE	**APPROVAL**
FIREMAN / WATERTENDER / OILER / QMED	Any applicant successfully completing your 11-day QMED - Fireman/Watertender/Oiler course and presenting your Certificate of Training and 180 days of service at a Regional Exam Center, will satisfy the requirements of 46 CFR 12.15-7(b)(1), and be issued an MMD endorsed with QMED ratings of fireman/watertender and oiler without further examination. This course has not been evaluated to determine if it satisfies any requirements of the Seafarers' Training, Certification and Watchkeeping (STCW) Code.

Louisiana Technical College - Young Memorial Campus

P.O. Drawer 2148

Morgan City LA 70381-
(504) 380-2436 E-Mail: CMoore@young.tec.la.us
Web Page: #http://www.youngmemorial.com/marine.htm#

COURSE	APPROVAL
QMED-OILER (OSV)	Any applicant who has successfully completed your QMED–OILER OSV course will satisfy the: Requirements of 46 CFR 12.15-7 (b)(2) and receive credit for one half of the sea service needed for a QMED-OILER OSV endorsement PROVIDED they also present evidence of acquiring at least 90 days service while assigned to duties in the engine room AND the Examination requirements of 46 CFR 12.15-9 for the General Safety (80XXX) and Oiler (89XXX) examination modules if presented WITHIN ONE YEAR of the completion of training.

Maersk Line, Limited

One Commercial Place
20th Floor
Norfolk VA 23510-2103
(757) 857-4800 E-Mail: DHARRISS@MLLNET.COM
Web Page:

COURSE	APPROVAL
GAS TURBINE	Any applicant successfully completing your 80-hour Gas Turbine Training course will be considered to have successfully demonstrated the competencies Operate Main and Auxiliary Machinery and Associated Control Systems of Table A-III/1 of the STCW Code RESTRICTED to Gas Turbine propulsion; AND Operate, Monitor and Evaluate Engine Performance and Capacity of Table A-III/2 of the STCW Code for Gas Turbine propulsion.

Mid-Atlantic Maritime Academy, LLC

5705 Thurston Avenue

Virginia Beach VA 23455-
(757) 464-6008 E-Mail: Info@MamaTrains.com
Web Page: #http://www.mamatrains.com#

COURSE	APPROVAL
DESIGNATED DUTY ENGINEER (DDE) 1000/4000 HORSEPOWER	Any applicant who successfully completed your 160-Hour Designated Duty Engineer (DDE) 1000/4000 Horsepower course will receive 45 days of sea service credit that can be applied towards the service requirements of 46 CFR 10.524(b) (2) and (3) for a license as Designated Duty Engineer Limited – 1000/4000 Horsepower. This course has not been evaluated to determine if it will meet any training or assessment requirements of the STCW Convention or STCW Code.
DESIGNATED DUTY ENGINEER (DDE) UNLIMITED HORSEPOWER	Any applicant who has successfully completed your 160-hour Designated Duty Engineer (DDE) Unlimited Horsepower course, and presents your Certificate of Training will receive 45 days of sea service credit that can be applied towards the service requirements of 46 CFR 10.524(b) (1) for a license as Designated Duty Engineer Limited – Unlimited Horsepower. This course has not been evaluated to determine if it will meet any training or assessment requirements of the STCW Convention or STCW Code.

ENGINE ROOM RESOURCE MANAGEMENT (OPERATIONAL LEVEL)	Any applicant who has successfully completed your 40-hour Engineroom Resource Management (Operational Level) will satisfy the training and assessment requirements of the STCW Code, Section A-VIII/2 Parts 3-2, 4-2, 4-4, and B-VIII/2 Part 3-2, Table A-III/1, and the assessments of NVIC 09-04 for "Maintaining a Safe Engineering Watch". Any approved instructor for this course is authorized to sign-off on students' Control Sheets for assessment OICEW-4-1A, 4-1B, 4-1C, and 4-2A.
QMED - FIREMAN/WATERTENDER & OILER	Any applicant who successfully completed your 160-hour QMED - Fireman/Oiler/Water Tender course and presents your Certificate of Training within one year of the completion of training will: 1) Receive credit for 90 days of the sea service that may be applied to meet the service requirements of 46 CFR 12.15-7 (a) for an endorsement as QMED Fireman / Oiler and / Watertender; AND 2) Satisfy the examination requirements of 46 CFR 12.15-9 for the General Safety, Fireman/Watertender, and Oiler for the 80XXX, General Safety, 86XXX, Fireman Watertender, and 87XXX, Oiler (Steam and Motor) examination modules.
QMED - REFRIGERATING ENGINEER	Any applicant who has successfully completed your 240-hour Qualified Member of the Engine Department Refrigerating Engineer course, and presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will receive 90 days of sea service credit that can be applied towards the service requirements of 46 CFR 12.15-7(b) (2) for a QMED Refrigerating Engineer endorsement, AND, satisfy the requirements of 46 CFR 12.15-9 for the General Safety and Refrigerating Engineer examination modules. This course has not been evaluated to determine if it will meet any training or assessment requirements of the STCW Convention or STCW Code.

Northeast Maritime Institute

32 Washington Street

Fairhaven MA 02719-

(508) 992-4025 E-Mail: info@northeastmaritime.com

Web Page: #http://www.northeastmaritime.com#

COURSE	**APPROVAL**
QMED - OILER	Any applicant successfully completing your 5-Week QMED-Oiler course and presenting your Certificate of Training at a Regional Exam Center, within one year of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the General Safety (80XXX) and Oiler (87XXX) examination modules. This course has not been evaluated to determine if it will satisfy any training or assessment requirements of the STCW Convention and STCW Code.

RTM STAR Center (Dania/Toledo)

2 West Dixie Highway

Dania Beach FL 33004-

(800) 445-4522 E-Mail: e-mail@star-center.com

Web Page: #http://www.star-center.com#

COURSE	**APPROVAL**
ADVANCED SLOW SPEED DIESEL PLANT OPERATION	Any applicant successfully completing your 80-hour Advanced Slow Speed Diesel Propulsion Plant Operation (Simulator) course satisfy the requirements of 10.209 (c)(iii) for the renewal of an unlimited motor plant engineer's license; OR. will receive 30 days sea service credit that may be used for a raise in grade from Third Assistant Engineer Motor Unlimited Horsepower to Second Assistant Engineer Unlimited Horsepower. This sea service credit cannot be used to satisfy any service requirements of the STCW Code.

DIESEL ENDORSEMENT	Any applicant successfully completing your 23-day Diesel Endorsement (for use with Toledo Diesel Simulator) course within one year of the completion of this training, and presenting your Certificate of Training to a Regional Examination Center will satisfy the requirements in 46 CFR 10.502(b)(4), and is qualified to examine for a motor endorsement to his or her steam license at the same license currently held. This course has not been evaluated to determine if it will satisfy any training or assessment requirements of the STCW Convention and STCW Code.
ELECTRICAL, ELECTRONIC AND CONTROL ENGINEERING (MANAGEMENT LEVEL)	Any licensed engineer successfully completing your 160-hour Electrical, Electronic and Control Engineering (Management Level) course and presenting your certificate of training at a Regional Exam Center, will satisfy the training and assessment requirements of the Seafarers' Training, Certification and Watchkeeping Code, Section A-III/2, Table A-III/2, Function: Electrical, electronic and control engineering at the management level.
ENGINE ROOM RESOURCE MANAGEMENT	Any applicant who has successfully completed your 35½-hour Engine Room Resource Management course will satisfy the training and assessments requirements of the STCW Code, Section A-III/2, Table A-III/2, Function: Marine Engineering at Management Level, for the competency of "Use Internal Communication Systems" and Function: Controlling the Operation of the Ship and Care for Persons on Board at the Management Level, for the competency of "Organize and Manage the Crew - Knowledge of personnel management, organization and training onboard ships."
GAS TURBINE	Any applicant, who has successfully completed your 80-hour Gas Turbine course and presents your Certificate of Training at a Regional Exam Center, will: (1) Be considered to have successfully demonstrated the competence "Operate Main and Auxiliary Machinery and Associated Control Systems" of Table A-III/1 of the STCW Code for Gas Turbine propulsion plants; --AND-- (2) Be considered to have successfully demonstrated the competence "Operate, Monitor and Evaluate Engine Performance and Capacity" of Table A-III/2 of the STCW Code for Gas Turbine propulsion plants; --AD-- (3) May have their engineering license endorsed for gas turbine propulsion.
STEAM CROSSOVER	Any applicant successfully completing your Steam Crossover course and presenting your Certificate of Training at a Regional Exam Center, will EITHER: (1) Receive once, 60 days sea service credit toward the upgrading of his or her unlimited third assistant engineer steam license to unlimited second assistant engineer - steam; --OR-- (2) Satisfy the examination requirements of 46 CFR 10.205(i) for a steam endorsement to the level of their unlimited motor license, PROVIDED the applicant meets the service requirements of 46 CFR 10.502(b)(1), (2) or (3); --OR-- (3) Satisfy the training requirements of 46 CFR 10.502(b)(4) for a steam endorsement to the level of their unlimited motor license.
WELDING & METALLURGY – SKILLS AND PRACTICES	Any applicant who has successfully completed your 80-hour Welding & Metallurgy – Skills and Practices course will satisfy the training and assessment requirements of Table A-III/1 of the STCW Code and function: Marine Engineering at the Operational Level, for the competence "use appropriate tools for fabrication and repair operations typically performed on ships". The practical assessments conducted in this course will be accepted as the equivalent of OICEW 1-1A, OICEW 1-1B, OICEW 1-1C, OICEW 1-1D, OICEW 1-1E OICEW 2-1A, OICEW 2-1B and OICEW 2-1C from the National Assessments Guidelines for Table A-III/1 of the STCW Code. Applicants who have successfully completed your course need not present completed "Control Sheets" for these assessments in applications for STCS certification.

Sea School

8440 4th Street North

St Petersburg FL 33702-
(727) 577-3992 E-Mail: hqstaff@seaschool.com
Web Page: #http://www.SeaSchool.com#

COURSE	APPROVAL
QMED - OILER (OSV)	Any applicant successfully completing your 64-hour Qualified Member of the Engineering Department (QMED) Oiler (OSV) course will: (1) Satisfy the requirements of 46 CFR 12.15-7 (b)(2) and receive credit for one half of the sea service needed for an endorsement as QMED Oiler (Motor Vessels Only), restricted to motor vessels provided they also present evidence of at least 90 days of service while assigned to engine room duties acquired prior to the certificate of course completion being issued; --AND-- (2) If presented WITHIN ONE YEAR of the completion of training, satisfy the requirements of 46 CFR 12.15-9 for the General Safety (80XXX) and Oiler - motor (89XXX) examination modules.

Seafarers Harry Lundeberg School of Seamanship

P.O. Box 75

Piney Point MD 20674-
(301) 994-0010 E-Mail: education@seafarers.org
Web Page: #http://www.seafarers.org#

COURSE	APPROVAL
BASIC AUXILIARY PLANT OPERATION	Any applicant who has successfully completed your 140-hour Basic Auxiliary Plant Operations course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will be granted 90 days of sea service and will satisfy the examination requirements of 46 CFR 12.15-9 for the General Safety (80XXX) examination module, PROVIDED they have also completed EITHER your 63-hour Basic Motor Plant Operations course and/or your 70-hour Basic Steam Plant Operations course. Successful completion of this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-III/4 of the STCW Code: RFPEW-1-1A, RFPEW-1-1B/1, RFPEW-1-1B/2, RFPEW 1-1C/1, RFPEW 1-1C/2, RFPEW-1-1D, RFPEW-1-1E, RFPEW-1-1F, RFPEW-1-1G, RFPEW-1-1H/1, RFPEW-1-1H/2, RFPEW-1-1K, RFPEW-1-2A, RFPEW-1-2B, RFPEW-1-2C, RFPEW-1-2D, RFPEW-1-2E, RFPEW-1-2F, RFPEW-1-3A, RFPEW-1-3B, RFPEW-1-3C, RFPEW-2-1A, RFPEW-2-1B, RFPEW-2-2A, RFPEW-2-3A, RFPEW4-1A, RFPEW-4-2A, and RFPEW-4-2B. Applicants who have successfully completed this course need not present individually completed “Control Sheets” for the assessments in application for STCW certification.
BASIC ELECTRICITY	Any applicant successfully completing your 70-hour Basic Electricity course, and presenting your certificate of training at a Regional Exam Center WITHIN ONE YEAR of the completion of training, will satisfy the requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Junior Engineer (81XXX), and Deck Engineer (87XXX) examination modules, PROVIDED they have also completed your 140-hour Engineering Plant Maintenance and 70-hour Basic Refrigeration & HVAC courses AND that they also present evidence of acquiring at least 90 days engine room service while endorsed as a QMED Oiler or Fireman-Watertender prior to commencing the above training.

BASIC MOTOR PLANT OPERATIONS	Any applicant who has successfully completed your 63-hour Basic Motor Plant Operations course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the Oiler (87XXX) examination modules, PROVIDED they have also completed your 140-hour Basic Auxiliary Plant Operations course. Successful completion of this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-III/4 of the STCW Code: RFPEW-1-1A, RFPEW-1-1I/1, RFPEW-1-1J, RFPEW-2-1C, and RFPEW-2-2B. Applicants who have successfully completed your course need not present individually completed "Control Sheets" for the assessments in application for STCW certification.
BASIC REFRIGERATION & HVAC	Any applicant successfully completing your 70-hour Basic Refrigeration & HVAC course, and presenting your certificate of training at a Regional Exam Center WITHIN ONE YEAR of the completion of training, will satisfy the requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Junior Engineer (81XXX), and Deck Engineer (87XXX) examination modules, PROVIDED they have also completed your 140-hour Engineering Plant Maintenance and 70-hour Basic Electricity AND that they also present evidence of acquiring at least 90 days engine room service while endorsed as a QMED Oiler or Fireman Watertender prior to commencing the above training.
BASIC STEAM PLANT OPERATIONS	Any applicant who has successfully completed your 70-hour Basic Steam Plant Operations course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Fireman-Watertender (86XXX), and Oiler (87XXX) examination modules, PROVIDED they have also completed your 140-hour Basic Auxiliary Plant Operations course. Successful completion of this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-III/4 of the STCW Code: RFPEW-1-1A, RFPEW-1-1I/2, RFPEW-2-2B, RFPEW-3-1A, RFPEW-3-1B, RFPEW-3-1C, RFPEW-3-1D, RFPEW-3-1E, RFPEW-3-1F, RFPEW-3-1G, and RFPEW-3-1H. Applicants who have successfully completed your course need not present individually completed "Control Sheets" for the assessments in application for STCW certification.
ENGINEERING PLANT MAINTENANCE	Any applicant successfully completing your 140-hour Engineering Plant Maintenance course, and presenting your certificate of training at a Regional Exam Center WITHIN ONE YEAR of the completion of training, will satisfy the requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Junior Engineer (81XXX), and Deck Engineer (87XXX) examination modules, PROVIDED they have also completed your 70-hour Basic Electricity and 70-hour Basic Refrigeration & HVAC courses AND that they also present evidence of acquiring at least 90 days engine room service while endorsed as a QMED Oiler or Fireman-Watertender prior to commencing the above training
JUNIOR ENGINEER - ENGINEERING PLANT MAINTENANCE	Any applicant successfully completing your 140-hour Engineering Plant Maintenance course, and presenting your certificate of training at a Regional Exam Center within one year of the completion of training, will satisfy the requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Junior Engineer (81XXX), and Deck Engineer (87XXX) examination modules, provided they have also completed your 70-hour Basic Electricity and 70-hour Basic Refrigeration & HVAC courses AND that they also present evidence of acquiring at least 90 days engine room service while endorsed as a QMED Oiler or Fireman-Watertender prior to commencing the above training.
MACHINIST	Any applicant successfully completing your 102-hour Machinist course and presenting your Certificate of Training at a Regional Exam Center, will satisfy the requirements of 46 CFR 12.15-9, if presented WITHIN ONE YEAR of the completion of training, for the Machinist (85XXX) examination module, PROVIDED they also present evidence of completing the requirements to be endorsed with a Junior Engineer rating endorsement prior to commencing the above training.

MARINE ELECTRICIAN	Any applicant successfully completing your 280-hour Marine Electrician course, and presenting your Certificate of Training at a Regional Exam Center, will satisfy the requirements of 46 CFR 12.15-9, if presented WITHIN ONE YEAR of the completion of training, for the Electrician (85XXX) examination module, provided they also present evidence of acquiring at least 90 days engine room service while endorsed as a QMED – Junior Engineer prior to commencing the above training.
MARINE REFRIGERATION TECHNICIAN	Any applicant successfully completing your 210-hour Marine Refrigeration Technician course, and presents your Certificate of Training at a Regional Exam Center WITHIN ONE YEAR OF THE COMPLETION OF TRAINING, will satisfy the written examination requirements of 46 CFR 12.15-9 for the Refrigerating Engineer (840XX) examination module.
PUMPMAN	Any applicant who has successfully completed your 8-week Pumpman course and presents your Certificate of Training at a Regional Exam Center within one year of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the Pumpman (88XXX) and Machinist ((85XXX) examination modules.
QMED - ANY RATING	Any applicant having successfully completed your 411-hour QMED – Any Rating course and presenting your Certificate of Training at a Regional Exam Center, will be eligible to examine for all endorsements necessary to fulfill the requirements of 46 CFR 12.15-11 for QMED – Any Rating. This course will not satisfy any training or assessment requirements of the STCW Code.
QMED - OILER-FIREMAN/WATERTENDER	Any applicant successfully completing the 3 month entry program and the additional 1.5 month Fireman, Oiler and Watertender course and presenting your Certificate of Training at a Regional Exam Center, will receive 3 months credit towards an endorsement as Fireman/Watertender and Oiler. This course has not been evaluated to determine if it will satisfy any training or assessment requirements of the STCW Code.

Seattle Central Community College

4455 Shilshole Avenue NW

Seattle WA 98107-4645
(206) 782-2647 E-Mail:
Web Page: #http://www.seattlecentral.org/maritime#

COURSE	APPROVAL
MARINE ENGINEERING TECHNOLOGY	Any applicant successfully completing your Marine Engineering Technology Certificate program and presenting your Certificate of Training at a Regional Exam Center, will: (1) receive 90 days of sea service credit that can be applied towards the service requirements of 46 CFR 12.15-7 for QMED endorsements (applicants must present an additional 90 days of qualifying engine room sea service, and meet all other requirements before issuance of any QMED endorsements); --AND-- (2) receive 240 days of sea service credit that can be applied towards the service requirements of 46 CFR 10.524(b)(3) for a license as Designated Duty Engineer Limited – 1,000 Horsepower (applicants must present an additional 120 days of qualifying QMED service, complete the examination, and meet all other requirements before issuance of the license); --AND-- (3) satisfy the training and assessment requirements of 46 CFR 12.15-3(e) and Table A-III/4 of the STCW Code, Specification of Minimum Standard of Competence for Ratings Forming Part of an Engineering Watch provided that the applicant also presents evidence of at least 60 days of engine room watchkeeping service; --AND-- (4) satisfy the written examination requirements of 46 CFR 12.15-9 for endorsements as Oiler, Junior Engineer, Refrigerating Engineer, Electrician and Pumpman; --AND-- (5) satisfy the written examination requirements of 46 CFR 12.15-9 for an endorsement as Fireman/Watertender provided that the applicant presents evidence of at least 60 days of qualifying engine room sea service; --AND-- (6) the Survival Craft training requirements of Section A-VI/2 and Table A-VI/2-1 of the STCW Code provided the applicant presents evidence of completion of the elective course MGO 103 Survival Craft and they have also satisfied the requirements of Table A-VI/1-1 for Personal Survival Techniques and Table A-VI/1-3 for Elementary First Aid; --AND-- (7) satisfy the written and practical examination requirements of 46 CFR 12.10-5 for an endorsement as Lifeboatman provided the applicant presents evidence of completion of the elective course MGO 103 Survival Craft. Upon the presentation of 3 months of qualifying sea service, the Lifeboatman endorsement may be issued.

Training Resources, Limited, Inc.

1400 Grizzly Peak

Berkeley CA 94708-2202
(510) 704-8978 E-Mail: trlfor@aol.com
Web Page: #http://www.maritimetraining.cc/#

COURSE	APPROVAL
JUNIOR ENGINEER	Any applicant whose merchant mariner's document is endorsed as QMED Oiler and/or Fireman/Watertender and successfully completed your 320-hour Junior Engineer course will satisfy the requirements of 46 CFR 12.15-9 for the General Safety, and Junior Engineer examination modules, if presented WITHIN ONE YEAR of the completion of training.
JUNIOR ENGINEER/PUMPMAN	Any applicant whose merchant mariner's document is endorsed as QMED Oiler and/or Fireman/Watertender and has successfully completed your 280-hour QMED Junior Engineer/Pumpman course will satisfy the: (1) requirements of 46 CFR 12.15-9 for the General Safety (80XXX), Junior Engineer (81XXX), and Pumpman (88XXX) examination modules, if presented WITHIN ONE YEAR of the completion of training; --AND-- (2) training requirements for 46 CFR 13.403(a)(2) and 13.409 for an endorsement as Tankerman – Assistant DL; --AND-- (3) mariners having completed the QMED Junior Engineer/ Pumpman course, and submitting documentary evidence of serving 90 days while assigned to duties in the engine room following the issuance of an endorsement of Tankerman – Assistant DL, and submitting a course certificate in basic shipboard fire fighting completed within five years of the date of application for the endorsement for Tankerman-Engineer, may be issued an endorsement for Tankerman – Engineer DL. This course has not been evaluated to determine if it will satisfy any training or assessment requirements for A-III/1 or A-III/4 of the STCW.

QMED - ELECTRICIAN	Any applicant whose merchant mariner's document is endorsed as QMED Oiler and/or Fireman/Watertender and has successfully completed your 80-hour QMED-Electrician course, will satisfy the requirements of 46 CFR 12.15-9 for the Electrician examination modules, if presented WITHIN ONE YEAR of the completion of training. This course has not been evaluated to determine if it will satisfy any training or assessment requirements of the STCW Convention and STCW Code.
QMED - FIREMAN/WATERTENDER & OILER	Any applicant who successfully completed your 159-hour Qualified Member of the Engine Department (QMED) course will satisfy the requirements of 46 CFR 12.15-7 (b)(2) and receive credit for 90 days of the sea service needed for a QMED Oiler and Fireman/Watertender endorsement PROVIDED they also present evidence of at least 90 days engine room service; AND if presented WITHIN ONE YEAR of the completion of training, satisfy the requirements of 46 CFR 12.15-9 for the General Safety, Fireman/Watertender, and Oiler examination modules.
QMED - REFRIGERATING ENGINEER	Any applicant who successfully completes your 80-hour QMED-Refrigerating Engineer course will satisfy the requirements of 46 CFR 12.15-9 for the General Safety and Refrigerating Engineer examination modules, if presented WITHIN ONE YEAR of the completion of training.

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COURSE	**APPROVAL**
APPLIED MARINE ELECTRICAL SYSTEMS	Any applicant who has successfully completed your 80-hour Applied Marine Electrical Systems course and who presents your Certificate of Training WITHIN ONE YEAR of the completion of training, will satisfy the examination requirements of 46 CFR 12.15-9 for the Electrician examination module (83XXX) and providing they hold a QMED endorsement.
APPLIED MARINE REFRIGERATION	Any applicant who has been issued an endorsement of oiler and/or fireman Watertender and has successfully completed your 80-hour Applied Marine Refrigeration course and who presents their Certificate of Course Completion at a Regional Exam Center within one year of the completion of training, will satisfy the General Safety, examination requirements for module 80XXX and Refrigerating Engineer, module 84XXX; and will be issued an endorsement as Refrigerating Engineer. This course has not been reviewed for the purpose of satisfying any of the requirements of the STCW. In addition, this course was not reviewed with the intent to satisfy any of the requirements of the EPA refrigeration technician certification for either a Type I, Type II, Type III, or Universal certification.
DIESEL PROPULSION SYSTEMS FOR MARINE ENGINEERS	Any applicant who has successfully completed your 5-week Diesel Propulsion Systems for Marine Engineers Course and presents your Certificate of Training at a Regional Exam Center WITHIN ONE YEAR of the completion of training, will satisfy 46 CFR 10.502 (b)(4) and is eligible to test for a motor endorsement equivalent to the existing steam endorsement that he or she currently possesses on their valid license. This course has not been evaluated to determine if it satisfies the training or assessment requirements of the STCW Convention or STCW Code.

QMED	Any applicant successfully completing your 6-week Qualified Member of the Engine Department (QMED) course and presenting your Certificate of Training at a Regional Exam Center, will satisfy the requirements of 46 CFR 12.15-7(b)(2) and receive credit for one half of the sea service needed for a QMED-Oiler and Fireman/Watertender endorsement AND the examination requirements of 46 CFR 12.15-9(a) for QMED - Oiler and Fireman/Watertender endorsements.
STEAM PROPULSION FOR MARINE ENGINEERS	Any applicant successfully completing your Steam Propulsion Systems for Marine Engineers course and presenting your Certificate of Training at a Regional Exam Center, will EITHER: (1) Receive once, 60 days sea service credit toward the upgrading of his or her unlimited third assistant engineer steam license to unlimited second assistant engineer - steam; --OR-- (2) Satisfy the examination requirements of 46 CFR 10.205(i) for a steam endorsement to the level of their unlimited motor license, PROVIDED the applicant meets the service requirements of 46 CFR 10.502(b)(1), (2) or (3); --OR-- (3) Satisfy the training requirements of 46 CFR 10.502(b)(4) for a steam endorsement to the level of their unlimited motor license. This course has not been evaluated to determine if it satisfies any requirements of the STCW Code.