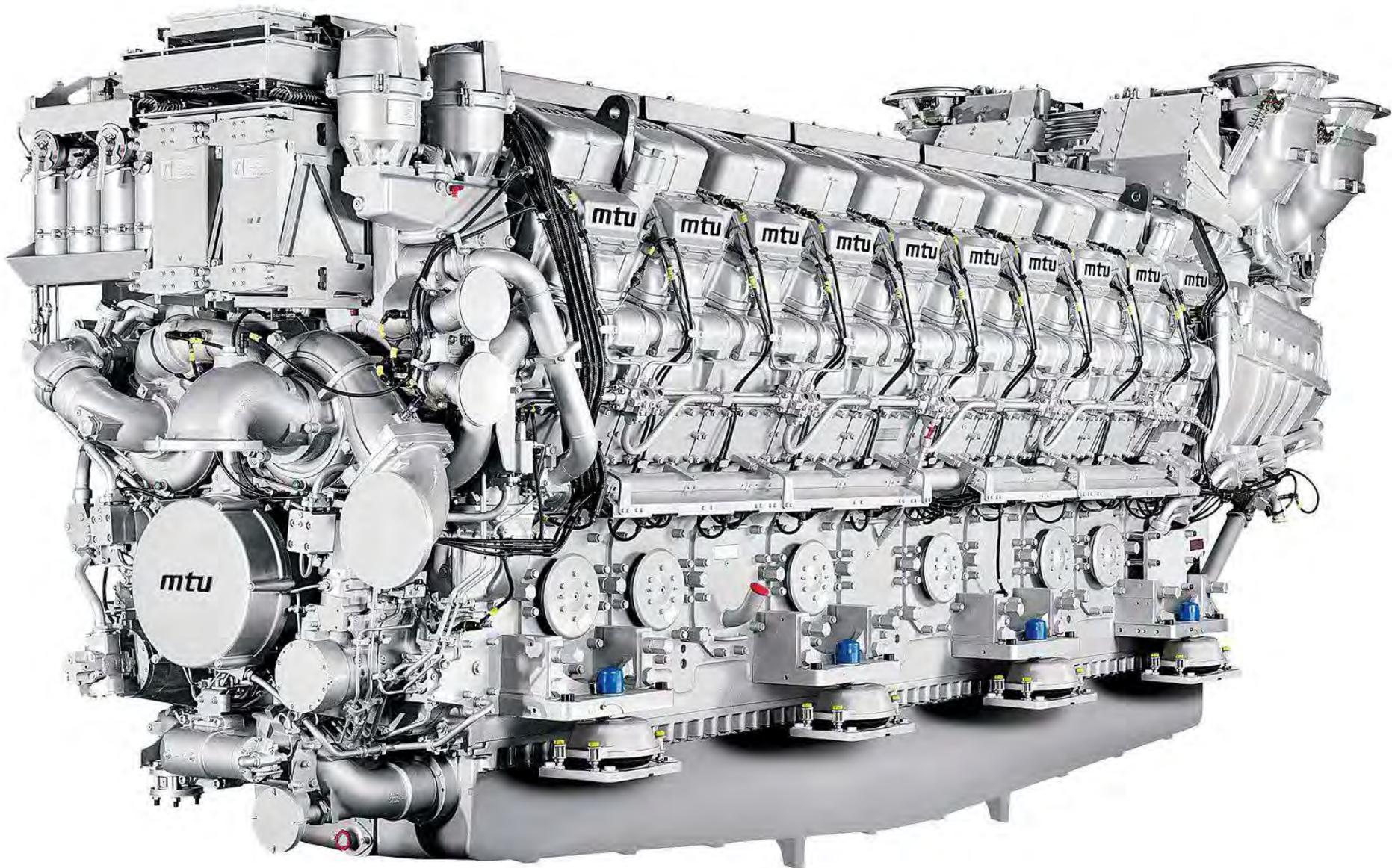


Mid-Atlantic Maritime Academy



Our vision is to be the premier leader in innovative, comprehensive, and state-of-the-art maritime training.





Mid-Atlantic Maritime Academy

MAMA provides quality training through its cadre of dedicated and professional instructors who possess a wealth of maritime experience.

- Our instructor base consists of career Chief Engineers, Senior Enlisted, and Commissioned Officers with years of at-sea experience.
- Every instructor shares a passion for education and takes an active interest in each student's success.



Mid-Atlantic Maritime Academy

But it is not just our instructors that make for an exceptional training environment.

Our instructors all understand that hands on training develops the fundamentals taught in the classroom quickest, and instills knowledge the fastest.

*“Education means inspiring someone's mind,
not just filling their head.”*





Mid-Atlantic Maritime Academy

Lab-Volt Refrigeration Trainer



Hampden Refrigeration Trainer





Mid-Atlantic Maritime Academy

Our refrigeration trainers allow students to become proficient in the operation of Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) systems through a mix of classroom and hands on training.

- Students have the opportunity to earn any one of four EPA 608 certifications to include the universal certification which allow them to legally work with and handle refrigerants.
- MAMA is certified North American Technician Excellence (NATE) testing and training facility which allows students to obtain critical certification and training sought after by commercial HVACR companies.

Mid-Atlantic Maritime Academy

Lab-Volt Pumps Training System



Hydraulic Pump, Control and Actuator Trainer





Mid-Atlantic Maritime Academy

The pump trainers allow the students to apply theory learned in the classroom to real world scenarios.

Students can observe the affects of cavitation and employ techniques learned to correct it, as well as problems caused by excessive lift, and other discharge restrictions.

Using the Lab-Volt Hydraulic Trainer, students are afforded the opportunity to build and operate complex hydraulic circuits, putting the fundamentals of the hydraulic power triangle to use. (Force, Pressure, and Area)

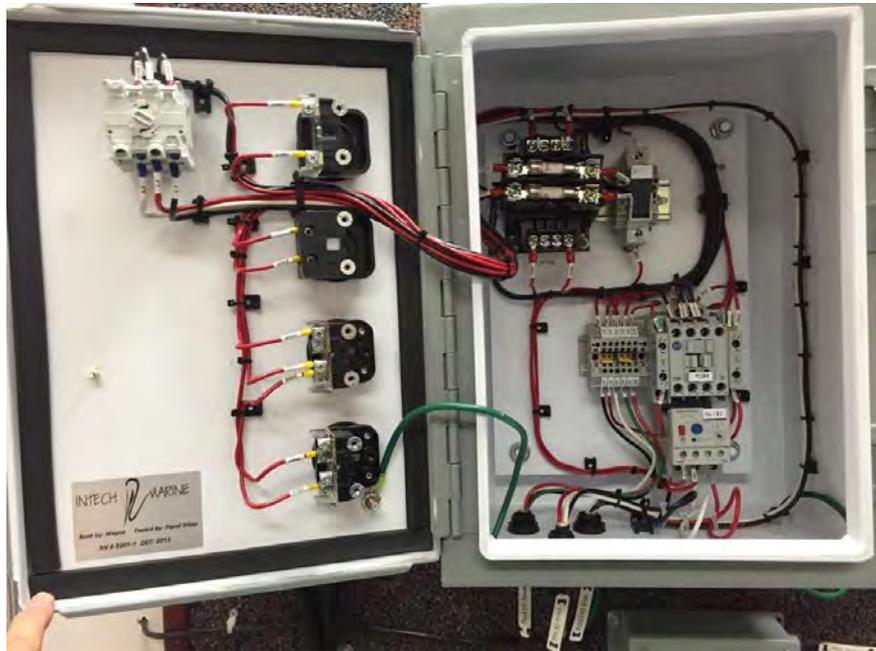
Mid-Atlantic Maritime Academy

Motor Controller Lab



Mid-Atlantic Maritime Academy

Basic Motor Controller



Advanced Motor Controller





Mid-Atlantic Maritime Academy

Our motor controller lab allows students to understand controller logic and operation through a mix of classroom and hands on training.

Once they have demonstrated the required skills, the students are required to troubleshoot and correct faults introduced by the instructor.

They then are required to prove their work by connecting to an electric motor and demonstrating proper motor operation via the controller.

Mid-Atlantic Maritime Academy

Engine Components

Isotta-Fraschini 800HP V-8 Diesel Engine





Mid-Atlantic Maritime Academy

- MAMA has a large assortment of marine diesel engine parts available for student identification, recognition and maintenance.
- MAMA also utilizes an 800HP Isotta-Fraschini V-8 diesel engine to teach hands on diesel engine operation and maintenance practices.

Mid-Atlantic Maritime Academy



And when it does break we teach you how to fix it,
make that piece or make that repair you need.



Mid-Atlantic Maritime Academy

Does your company need a custom tailored training program?

Talk to us. We are engineers. We know flexible.

Does your company desire on-site training?

Talk to us. We are engineers. We know how to provide customized solutions.

Does your company want your engineers trained using the equipment they operate daily onboard their vessels?

Talk to us. We are engineers. We specialize in adaptability.



Mid-Atlantic Maritime Academy

Our engineering curriculum is constantly growing, changing and evolving to meet the needs of the industry and our clients.

Our current development projects include:

- High voltage training with an emphasis on safety. This includes a functional high voltage circuit breaker that interfaces with the TECHSIM 5000 Simulator.
- State of the art PLC training that includes classroom and hands on training.

Mid-Atlantic Maritime Academy





Mid-Atlantic Maritime Academy



Deck Department Systems



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Bridg
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Mid-Atlantic Maritime Academy

Our Basic and Advanced Firefighting facilities provide a full service training experience for mariners.

All mariners must demonstrate correct fire hose handling, the proper use of portable fire extinguishers and the correct donning of the complete fire fighting ensemble in practical assessments.



Mid-Atlantic Maritime Academy

All mariners must successfully pass U.S. Coast Guard assessments in Personnel Survival Techniques to include:

- Donning an immersion suit
- Entering a life raft
- Up-righting a capsized life raft
- Floating in open water for 1 minute





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Mid-Atlantic Maritime Academy

To hold any Merchant Mariner Credential, an approved CPR and First Aid course must be completed.

MAMA teaches American Heart Association (AHA) approved course.

- Proper chest compressions
- Delivery of two breaths
- Use of AED
- Basic first aid



Mid-Atlantic Maritime Academy



QUESTIONS?