

Joe De Marco

Marine Career Training Institute of North America

770-720-4382

joe@mctina.org

MCTINA INTRODUCES A NEW OUTBOARD ENGINE SCHOOL

The MCTINA Education Committee has developed a **Intermediate and Advanced Outboard FAST Track Engine School** and it will hold its inaugural training program February 25 to March 1, 2019 in Buckhead, GA (located 70 miles east of Atlanta). This training program will target the experienced marine technician who has a basic understanding of gasoline outboard engines and wants to take their skills to the next level.

The training course will consist of detailed instructions on the principals of 2 and 4-stroke engine systems, intermediate and advanced troubleshooting technology, along with extensive hands-on diagnostics.

■ **OB-FT40 Outboard F.A.S.T. Track Engine Systems Technology**

This *Fast Advanced Systems Training (FAST)* course is designed to provide five intense days (40 hours) of training to examine the systems of today's outboard engine technology. The systems and troubleshooting procedures included are ignition, fuel, EFI, and DFI systems. Upon successful completion of this training course students will receive a certificate of completion, and they will qualify to take an online final exam. Upon successfully completing the exam the student will receive credentials showing they are recognized by MCTINA as an AMTECH Outboard Specialist. Students can elect to take specific days of training in lieu of the full week. The following are the systems that will be covered in this course.

- **The two-stroke** portion will target the Mercury Optimax, Yamaha HPDI and Evinrude E-TEC engines. Systems include engine specifications, theory of operation, diagnosing of the air/fuel delivery systems, operating ranges, engine component locations, maintenance/service procedures, special tools, troubleshooting strategies, fault codes, break-in procedures, common failures, service bulletins. Special attention will be placed on the electrical and fuel systems of each engine, as well as the diagnostics unique to each brand.
- **The four-stroke** portion will cover the theory, terminology, measuring instruments, special tools and diagnostic software necessary for work on these engines. Fuel and electrical systems will be emphasized.
- **The advanced portion** will focus on newer technologies and high performance. Extensive hands-on training with various diagnostic software programs will be used. MCTINA teaches you how to find the root cause of all problems to improve your skills and eliminate what many technicians wind up doing.....*chasing symptoms!*

Course tuition is only \$300 per day, if courses are taken daily, or \$1,250 for the full week if registered in advance. Additional discounts are available for multiple technicians attending from the same company.

This outboard program will be held annually with updates on the latest in outboard engine technology. MCTINA will also develop a similar program for inboard and I/O engines.

The training school will be located at MM Boat Works located in Buckhead, GA (approximately 70 miles east of Atlanta, GA). The drive is a straight run from the Atlanta airport and is conveniently located from the interstate.

If you are interested and need more information on this program please contact me at the MCTINA office 770-720-4324 or send an email to info@mctina.org

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