

Now offering
Advanced classes!

Maintaining A Marine Diesel Engine

2012|2122

BASICS: PART 1

- ◆ Gain basic knowledge of marine diesel engines
- ◆ Perform preventative maintenance
- ◆ Safety tips around engines
- ◆ Visual inspection before leaving the dock
- ◆ Troubleshooting issues while on the water

Catalog: 47-412-417

Class #: 28441

Date: Friday, April 13, 2012

1:00 p.m. - 5:00 p.m. and

Saturday, April 14, 2012

8:00 a.m. - 12:00 p.m.

ADVANCED: PART 3

- ◆ Gain in-depth knowledge & understanding
- ◆ Analyze operating system requirements & compatibility PLUS sizing components
- ◆ Discussion includes:
 - Fuel electrical, exhaust, & control systems
 - Air & cooling
- ◆ Study power transmission drive systems, marine gear orientation & engine mounts

Catalog: 47-412-420

Class #: 28705

Date: Friday, May 4, 2012

1:00 p.m.—5:00 p.m. and

Saturday, May 5, 2012

8:00 a.m.—12:00 p.m.

ADVANCED: PART 2

The following procedures will be performed

Troubleshooting:

- ◆ Failure to crank
- ◆ Failure to fire
- ◆ Overheating
- ◆ Smoking
- ◆ Misfiring
- ◆ Knocking
- ◆ Runaway
- ◆ Hunting
- ◆ Hydrostatic Lock
- ◆ Transmission Problems

Maintenance & Repair:

- ◆ Service Cooling System
- ◆ Perform Compression Test
- ◆ Adjust valve Clearance
- ◆ Service/Rebuild Injector
- ◆ Adjust Engine Idle & No Load
- ◆ Wide Open Throttle
- ◆ Check Injection Timing
- ◆ Engine Alignment

Catalog: 47-412-418

Class #: 28704

Dates: Friday, April 27 1:00 to 5:00 p.m. and
Saturday, April 28 8:00 to Noon

**Class fee per class is just
\$26.92 - Senior 62+: \$4.55**

NWTC

Sturgeon Bay Campus

Visit: 229 N. 14th Ave
Sturgeon Bay, WI 54235

Call: (920) 746-4900
Toll Free: (800) 422-NWTC ext. 4900

Web: www.nwtc.edu

Fees are subject to change



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