

**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

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Fees are subject to change

