

SHOP SAFETY

Shop safety is of utmost importance in this facility so as not to have any accidents harmful to our students:

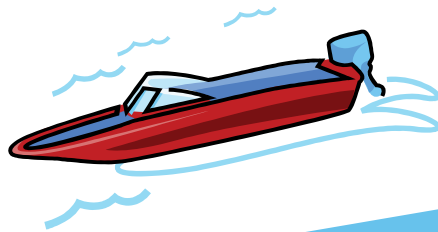
1. Always wear safety glasses while working in the shop.
2. No open toed shoes.
3. Remove all jewelry while working around moving parts.
4. Tie back long hair if necessary.



TYPES OF MARINE ENGINES WE WILL LEARN ABOUT

OUTBOARD:

- * Two Cycle
- * Four Cycle
- * Carburetor
- * Fuel Injected
- * Direct Injected
- * Super Charged



INBOARD/OUTBOARD

- * Four Cycles Modified Automotive Engine
- * Connected to a Stern Drive Unit Thru Transom

INBOARD

- * Modified Automotive or Diesel Engine
- * Has Transmission Connected to Prop Shaft Going Thru Bottom of Boat



Bring in your own boat with motor and repair it with the help of the entire class

OUTBOARD MAINTENANCE

1. You will learn to tune-up the engine
2. Check gear lubrication
3. Install water pumps and thermostats
4. Grease and oil change of four cycle engines
5. Sync and link carburetors



INBOARD OUTBOARD MAINTENANCE

1. Tune up engine
2. Install spark plugs, distributor cap and rotor
3. Change raw water pump
4. Change engine oil and filters
5. Gear lube and grease



CHARGING SYSTEMS

1. Test batteries
2. Check voltage output
3. Check all connections



BOAT SYSTEMS

You will identify problems with steering systems, twelve volt bilge pump, lights, control shift and throttle cables.

GENERAL TROUBLE SHOOTING

You will identify performance problems, spark check, fuel system check and compression check.

TRAILER MAINTENANCE

SERVICING TIRES, INSTALLING WHEEL BEARINGS, SPRINGS, WINCH AND WIRING LIGHTS IS VERY IMPORTANT TO THE SAFETY OF TRAILING THE BOAT ON THE ROAD.