

MARINE TECHNOLOGY SERVICE

Syllabus/Pacing Guide

This syllabus below is the basic outline of the course and is subject to change as needed. This is "living document" but will give an idea of the pacing throughout the year.

Employability and Workplace readiness will be taught and evaluated throughout the year.

1st nine weeks

General Safety - boating, tools, workshop, and life

Proper Boat Handling techniques

Ropes, knots, and docking

Tools, Boat nomenclature, basic materials

2nd nine weeks

Core Materials, Fiberglass, Resin

Prepping surfaces

Finishes - paint, gelcoat, etc.

Electrical systems - switches, lights, fuses, electronics, etc.

Plumbing Systems - bilge, toilets

3rd nine weeks -

Fuel systems

Outboard engines

I/O engines

Diesel engines

Trailer maintenance

4th nine weeks

Culminating activity - taking all the knowledge and skills learned and build a 16' boat.

