

COMMERCIAL FISHERIES FUNDAMENTALS I (MRT 105)

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Course Description:

- This Introductory level course is a study of basic marine language, commercial fishing and aquaculture systems, marine regulation, and management. The course is designed to introduce both commercial fishermen and non-commercial fishing students to Commercial fisheries and Aquaculture industries. The course provides a foundation for many of the other marine and non-marine courses provided in the commercial fisheries track and the aquaculture track.

Goals of course:

- To define commercial fishing, why it exists, and what key things that make commercial fishing a resource.
- To define aquaculture, why it exists, and what key things make aquaculture a resource.
- To provide a basic understanding of commercial fishing systems such as; how a scallop dragger works, how a long-liner, how a catch/process boat works, how the shellfish and fin fishery work, how the bait fish fishery works, and so on.
- To provide a basic understanding of aquaculture systems such as; how different growing methods work (bags, lines, tanks), how storage methods are used with the different products, how different product processing methods are used, and so on.
- To start covering the State and Federal regulations that govern the commercial fisheries and aquaculture industries. This will be more of broad look at marine fisheries management system and its involvement in the industries.