

DoD I-DREAM4 

MANE 4333 & 6399

Introduction to Shipbuilding

2021 Spring



Guest Lecture Series

NAVSEA

April 20, 2021 7:45-8:45 PM (CDT)

One of the largest products routinely produced today is the seagoing ship, and this course provides an overview of the shipbuilding process. Shipbuilding has developed over the centuries from an art to a highly organized, scientific process to construct of the world's most complex products. Some history is provided for the US and international shipbuilding industry which sets the stage for the current competitive environment. Further, the course spends time on work breakdown structure, panel line operation, pipe bending, welding, module construction, hull and superstructure formation, shipyard layout, and ship launching processes.

In this speech, **Mr. Moretto** will give an overview of NAVSEA as the U.S. Navy's ship and weapons engineering organization

- *Organization chart of NAVSEA*
- *Overview of his award winning cost engineering effort*
- *Discussion of careers and opportunities at NAVSEA*

Limited seats available. Register [here](#).

For more information, contact Dr. Alley Butler
(alley.butler@utrgv.edu)

About the consortium, RSVP: www.idream4d.org

Stephen Moretto

Senior Leader and Engineer
Naval Systems Command



Mr. Moretto is the Littoral Combat Ship Production Business Manager in NAVSEA. He prepares and manages the execution of the production department's budget which exceeds \$40 million per year. He has been in several assignments such as Director of Analysis and Evaluation, Information Technology Department Head Deputy Director for Center of Innovation in Ship Design, and lead Cost Engineering and Analysis Division's Aircraft Carrier Cost Engineering Process Team.

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