



# DoD I-DREAM4D

## MANE 4333 and MANE 6399

### Introduction to Shipbuilding

#### 2021 Spring

## Guest Lecture Series

### Ingalls Shipbuilding

April 6, 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. Walks** will give a company overview of Huntington Ingalls Industries and its business units; more focus on shipbuilding programs.

- *Recent facility improvements*
- *Technology insertion for improved production performance*
- *Review of potential career opportunities*

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

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

About the consortium, RSVP: [www.idream4d.org](http://www.idream4d.org)

**John P. Walks, P.E.**  
Mechanical Engineer  
Huntington Ingalls Incorporated



Mr. Walks is a Mechanical Engineer in the Research and Development group at Huntington Ingalls Incorporated. He managed Ingalls activity in the National Research Program for 10 years and served as Chairman of NSRP Ship Design and Materials Technologies Panel from 2001 to 2004. He has served as an NSRP Major initiative Team Leader since 2007. Mr. Walks is a Professional Engineer in Alabama and a member of the Society of Naval Architects and Marine Engineers.

Supported by: **UTRGV**

