



SSIWSC 2024

Design. Build. Maintain. Connect.

SSI Learning: Accelerating Onboarding with Comprehensive Training

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Ideal Onboarding Scenario

- One stop shop for best practices and knowledge transfer
- Structured independent training courses for different topics
- Clear pathway to knowledge based on discipline
- Straightforward approach for asking questions

Onboarding Challenges

The Reality

- Various sources of truth
- Learning curve
- Standardized knowledge transfer
- Uncertainties when asking for help
- Continuous development



SSI Learning

The Solution

What is SSI Learning?

- The hub for all of SSI's learning materials
- Available for subscribers through Nexus
- Houses our SSI Certified Training Curriculum



SSI Learning Framework



Onboarding Newcomers

- MSDC3



Learning ShipConstructor

- MSDC3
- SSI Certified Training



Applying ShipConstructor

- Applied Learning
- Nexus Knowledge Base
- Nexus Community
- Nexus Wishlist



Keeping Current

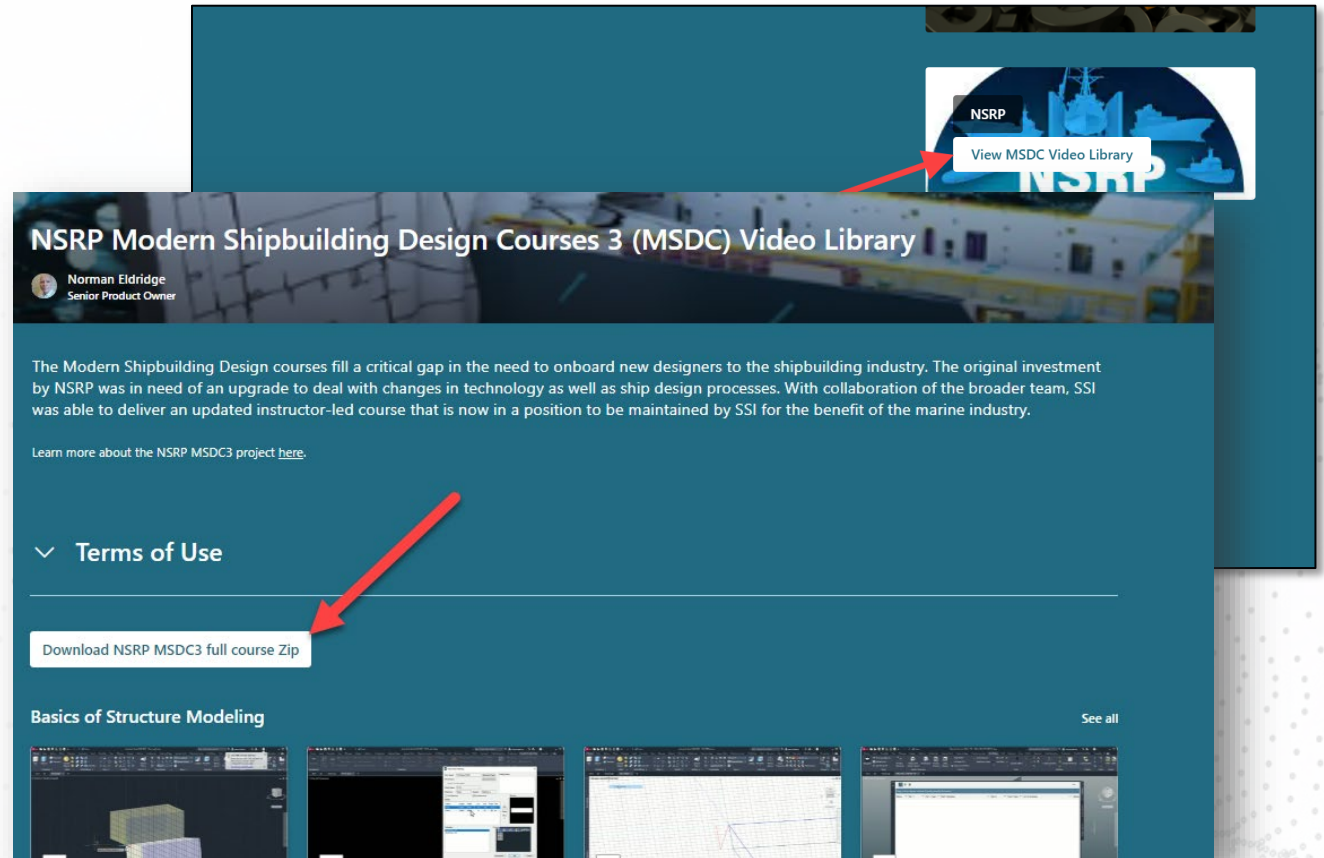
- Nexus Homepage
- Upgrade Navigator



Onboarding Newcomers

Modern Shipbuilding Design Courses 3

- Completed in 2023 in partnership with NSRP
- Found on the SSI Learning homepage
- Easily downloadable and deployable on local PC
- Provides a fully structured course curriculum to introduce shipbuilding principles



NSRP

View MSDC Video Library

NSRP Modern Shipbuilding Design Courses 3 (MSDC) Video Library

Norman Eldridge
Senior Product Owner

The Modern Shipbuilding Design courses fill a critical gap in the need to onboard new designers to the shipbuilding industry. The original investment by NSRP was in need of an upgrade to deal with changes in technology as well as ship design processes. With collaboration of the broader team, SSI was able to deliver an updated instructor-led course that is now in a position to be maintained by SSI for the benefit of the marine industry.

Learn more about the NSRP MSDC3 project [here](#).

Terms of Use

Download NSRP MSDC3 full course Zip

Basics of Structure Modeling See all

Onboarding Newcomers

Modern Shipbuilding Design Courses 3

- Covers basic shipbuilding principles across various disciplines
- Pairs shipbuilding theory with ShipConstructor application
- Contains Learning Plans (LP) and Performance Assessment Tasks (PAT), along with a video library containing 100+ videos
- May be used by educators and graded or independently

Directions

For this performance assessment task, you will create a new pipe run model drawing using the parts and fittings you created in the previous learning plan. Assign these parts and fittings to the new systems and branches you have created in the activities within this learning plan.

Rating Scale

- 3 proficient skill level
- 2 emerging skill level
- 1 beginning skill level

Scoring Guide

	Criteria	Ratings
1	you create a new system and branch	<input type="text" value="0"/>
2	you name the branches in the run correctly	<input type="text" value="0"/>
3	your part names are consistent with the branch naming convention you have selected	<input type="text" value="0"/>

Average Rating

Name Date

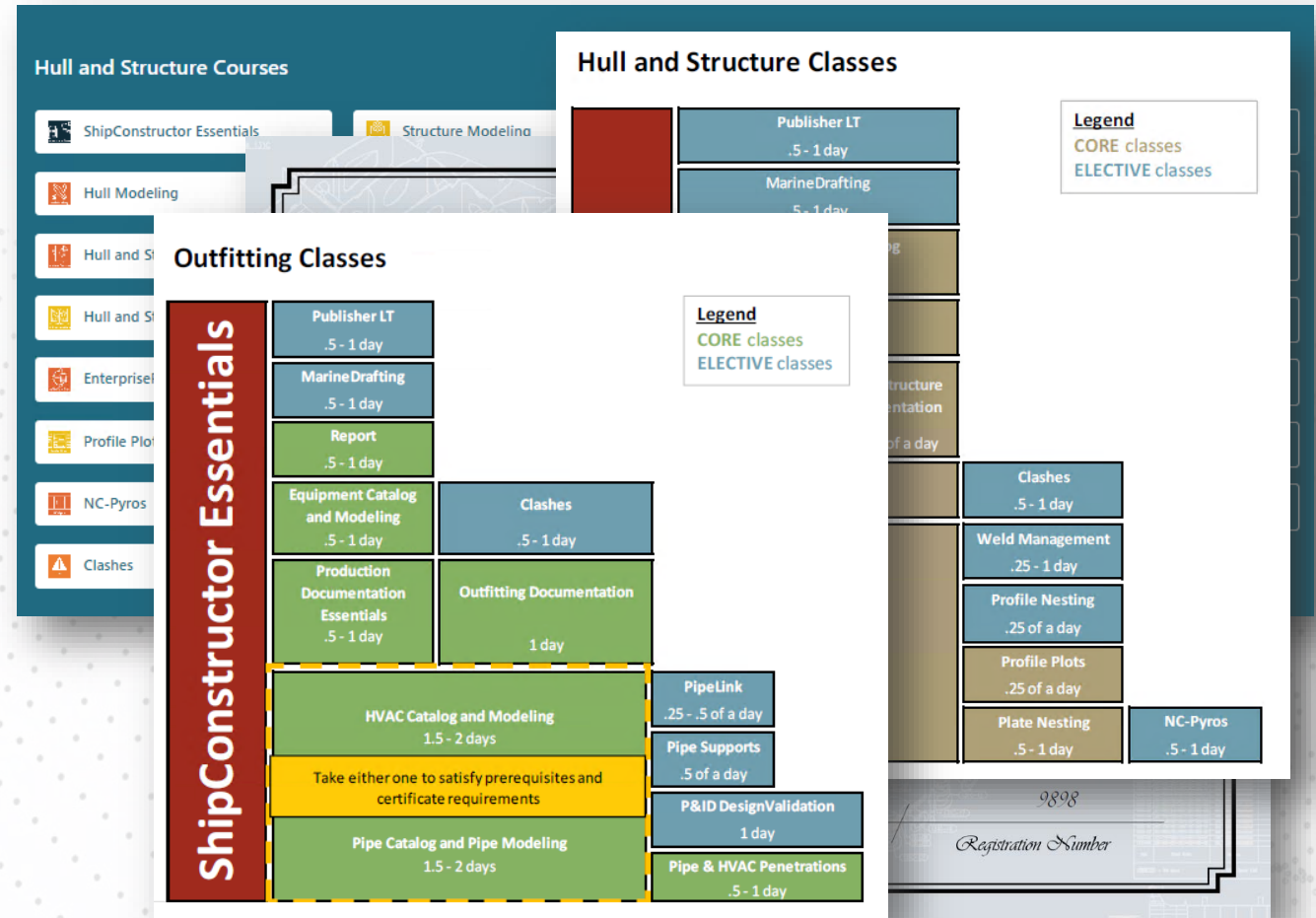
Evaluator's Signature Date

Comments:

Learning ShipConstructor

SSI Certified Training Curriculum

- Detailed training courses across various ShipConstructor feature sets
- Verifiable and certifiable using our Verifier software
- Two streams of advanced certification:
 - Hull and Structure
 - Outfitting
- Full video library available



Learning ShipConstructor

SSI Certified Training Curriculum

- Get users up-to-speed with current ShipConstructor features
- Standardized and structured training
- Certifications and Verifier offering a method for tracking what has been completed
- Training support button easily accessible on every course page

Applying ShipConstructor

Additional Nexus Learning Resources

- Nexus also houses:
 - Knowledge Base
 - Applied Learning
 - Best Practices
 - Community Discussions
 - Nexus Wishlist
 - Nexus Video Library
 - ShipConstructor User Manual
- Easy to navigate

Community Discussions

Discussions by Category

- ★ Featured Discussions
- 📁 General
- 📅 Latest Discussions
- 📦 Production
- 📖 Training
- 📄 Modeling
- 🔗 Integration

+ Add event

APR 18 Guide to SSI Learning
Thu, Apr 18, 8:00 AM

Search Manuals...

- ShipConstructor Manual
 - Installation
 - Licensing
 - Getting Started
 - Structure Products
 - Structure
 - Standard Assemblies
 - Hull
 - WeldManagement
 - NC-Pyros
 - Outfitting Products
 - Project Item List
 - Pipe
 - P&ID DesignValidation
 - Pipe Hangers
 - Pipe Supports
 - PipeLink

EL	Electrical	PL	EnterprisePlatform PublisherLT	EQ	Equipment	HU	Hull
HV	HVAC	PH	InformationHub	JS	JobServer	MD	MarineDrafting
NC	NC-Pyros	Pn	Penetrations	Pi	Pipe	Ne	Plate Nesting
Ne	Profile Nesting	PC	ProjectCache	PV	ProjectViewer	Pu	Publisher
Re	Reports	SC	ShipConstructor	SE	ShipExplorer	St	Structure
We	WeldManagement	WS	WorkShare	WC	WorkShare Catalog Compare	WD	WorkShare Design
WG	WorkShare Graphic Compare	WM	WorkShare Model	WP	WorkShare Project	WT	WorkShare Transfer

Applying ShipConstructor

Additional Nexus Learning Resources

- Access the collective knowledge of ShipConstructor users worldwide, with clients supporting clients through our discussion forum
- Extensive video library and assortment of articles on application and best practices
- Search bar readily available to search Nexus for specific topics

Keeping Current

Upgrade Navigator

- Located on the SSI Learning homepage
- Easily see updates that have happened between any two releases
- Helps when determine which version of ShipConstructor contains necessary features

The screenshot displays the SSI Upgrade Navigator interface. At the top, there are navigation options: 'Select Category' (dropdown), 'Reset Categories' (button), and 'Sort Newest to Oldest' (dropdown). The main content area is titled 'Key Features' and includes a 'Select Release:' dropdown menu set to '2024' and a 'Home' button. Below this is a search bar labeled 'Enter Search Term:'. The interface shows two release entries:

- SSI 2024 R2.1**: Number of Issues Fixed: 51, New Features: 23. A text box below lists features: 'DXF Exports for plate nesting' (Automation and enhancements to double-sided marking and etching using improved DXF export options now provide inclusion of third-party software integration.) and 'Workshare Graphic Compare' (Quickly preview modifications and changes between sister ships using Graphic Compare, and is now available to core ShipConstructor users.).
- SSI 2024 R2**: Number of Issues Fixed: 55, New Features: 29.

At the bottom, a 'Range Selected:' dropdown shows 'SSI 2024 through SSI 2024 R2.1' with a red arrow pointing to it. Below the range selector is a 'Reset Selection' button. To the right, there are buttons for 'Start Pages' and 'Marketing Summaries'.

Keeping Current

Nexus Homepage

SSINEXUS™

+ New ▾ Promote Page details Immersive reader Analytics

Nexus Home

SSI® Em Bus

Latest SSI News See all

+ Add ▾

SSI 2025 R1.1 is now available for download

Release of WeldManagement - Version...

Release of PublisherLT - Version 2.0

Latest Technical Bulletins See all

+ Add ▾

Notice regarding Naming Conventions for SSI 2023 R2...
Notice to users of Naming...
August 21

Upcoming Events See all

+ Add event

SEP 3-6 SMM 2024
Tue, Sep 3, 12:00 AM

SEP 12 SSI Learning Webinar: From Model to Machine
Thu, Sep 12, 8:00 AM

SSI Training Support

The image shows a screenshot of the SSI Learning website. A white form overlay is positioned on the left side, containing the following fields:

- First Name *** and **Last Name *** (text input fields)
- Account Email *** (text input field)
- Class *** (dropdown menu)
- Training Support Inquiry Type *** (dropdown menu)
- Please provide more information to help us assist you better *** (text area)

A red arrow points from the text "Request Assistance" in the background to the "Request Assistance" button in the foreground. The background website content includes:

- SSI Learning** header
- Text: "ing and offshore CAD/CAM professionals flexible options for"
- Text: "perienced and novice ShipConstructor users to access materials available in SSI product."
- Buttons: "Take SSI Certified Training" and "View Training Library"
- Text: "ing Discuss... assistance."
- Text: "structor, Start here: [New User's Guide](#)"
- Text: "Request Assistance" (button)

A large teal banner with white text is overlaid on the form, containing the URL: <https://www.ssi-corporate.com/ssi-learning/ssi-learning-training-support/>

Thank you!

Q&A

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