

For more information on our offshore wind capabilities, go to:

[www.star-center.com/windfarmvideo.html](http://www.star-center.com/windfarmvideo.html)

You may also contact either the Director of Training, Jerry Pannell, at [jpannell@star-center.com](mailto:jpannell@star-center.com) or the Director of Operations, Graeme Holman at [gholman@star-center.com](mailto:gholman@star-center.com)



For information on other STAR Center courses, or to register, please contact us at the e-mail address below or submit an application from our website.

Please visit our website for a complete course listing at:

<https://www.star-center.com/forms/schedule.pdf>

[www.star-center.com](http://www.star-center.com)  
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**STAR Center**  
Simulation, Training, Assessment & Research



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STAR Center admits students of any race, color, national, and ethnic origin or sex.

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## Offshore Wind Operations

2 West Dixie Highway  
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## BACKGROUND

STAR Center is located in Dania Beach, FL 3 miles south of Fort Lauderdale, and has earned a worldwide reputation as a maritime training center of excellence. It is the top choice for maritime professionals who demand the very highest quality in marine education and professional development. ISO 9001:2015 certified and committed to a culture of quality and continuous improvement, we are proud of our flexible approach in meeting out customers' needs.

STAR Center is the primary training provider for American Maritime Officers (AMO).

## MODELING & RESEARCH

STAR Center is world renowned for its Modeling & Research services. Our in-house services include:

- Port design
- Ship response / modeling capability
- Port research studies

STAR Center's directly involved in supporting the U.S. offshore wind sector through the following projects for our commercial clients and our in-house use:

- Visual and hydrodynamic modeling of wind turbine "gravity-based structures" (GBS) used in simulations to demonstrate and evaluate the feasibility of towing and navigating these units through the Kill Van Kull waterway safely.
- Visual and hydrodynamic modeling of the "transportation Installation and maintenance" (TIM) units associated with the GBS as a single unit for additional evaluation.
- Visual and geographic modeling of offshore wind towers and an offshore wind farm.
- Development and modeling of WTIV (Wind Turbine Installation Vessel), CTV (Crew Transfer Vessel) and tug & barge support vessels for use in simulation and on STAR Center's simulators.

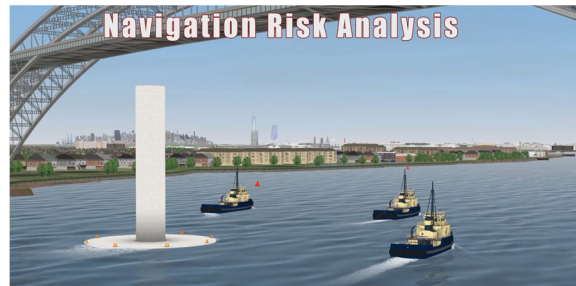
Using our database inventory of over 150 ports or our ability to build a port tailored to your needs can save significant expense prior to contracting for terminal/pier development or dredging projects. Our inventory of over 100 ships can also be expanded to meet specific research needs for port access feasibility, using our in-house hydrodynamicist.



STAR Center is ready to support your Offshore Wind Farm Operations training requirements by providing tailored training to meet your specific needs.



From in-shore operations to offshore, from planning and outreach, through wind farm construction and installation, to operations, maintenance and support.



Whether transiting to/from or through wind farms, employing the latest walk-to work capabilities or onsite operations, STAR Center can meet these needs.

## DYNAMIC POSITIONING SIMULATION

A Nautical Institute approved Dynamic Positioning simulator provides an additional layer of training .



## FACILITIES

Full lodging, dining, and recreational facilities are available for students.



With 125 rooms onsite, all featuring comfortable and spacious *en suite* facilities, as well as 3 galley-prepared meals daily (Mon-Fri) and a self-help food area available 24/7, a student's every need is well catered. Swimming pools, gym access, and other recreational amenities compliment the STAR Center experience.

## SIMULATORS

