

Our “**Project Development from A to Z**” is an intensive 5-day (half-days online) session with “Experienced Professionals Teaching New Professionals.” The intended audience includes those expanding their scope or responsibilities in their company, as well as suppliers, financiers, involved state officials, those seeking to enter the sector, and others involved with offshore wind. (Not covering training for trades). Instructors have deep experience in the OSW industry. A typical schedule and instructors is below; photos are from our last in-person offering. Registration includes written materials, discussion and Q&A scheduled with each talk, and workshops with experts to apply learnings. We are continuing to meet on-line but with live instructor Q&A, instructor-led workshops, and use of chat rooms for in-person informal discussions. Typical timing, 5 days, 8:30am - 1:30pm (EDT).

To Register: <https://crew.udel.edu/academy>



Project Development from A to Z (5 days, intermediate-advanced)

Day 1

Overview of Industry; U.S. project pipeline; terms & units used (Willett Kempton, University of Delaware);
Global Offshore Wind Market (Jan Matthiesen, The Carbon Trust);
Project Logistics and Deployment (Jesse Balboa, Ørsted);
Permitting and environmental assessment (Wright Frank, BOEM)

Day 2

Geotechnical Site Investigation (John Madsen, University of Delaware);
Harbor Specifications (Jesse Balboa);
Stakeholder Engagement and Workshop (Kris Ohleth, Special Initiative on Offshore Wind)

Day 3

Bid Preparation/Power Purchase Agreement (Deniz Ozkan, Invenergy);
Overview: Leasing Wind on the Outer Continental Shelf (Jim Bennett, BOEM);
Offshore Wind Auction Workshop (Jim Bennett)

Day 4

Offshore Wind Turbines: Principles and Design (C.P. Butterfield, Boulder Wind Consulting);
Foundation and Balance of Plant (Lars Høst Johansen, Vestas);
O&M Planning and Operations (Lars Høst Johansen)

Day 5

Grid Interconnection (Deniz Ozkan);
Decommissioning (Lars Høst Johansen)

Or, scan QR code for more information and to register.

Course Tuition and Registration

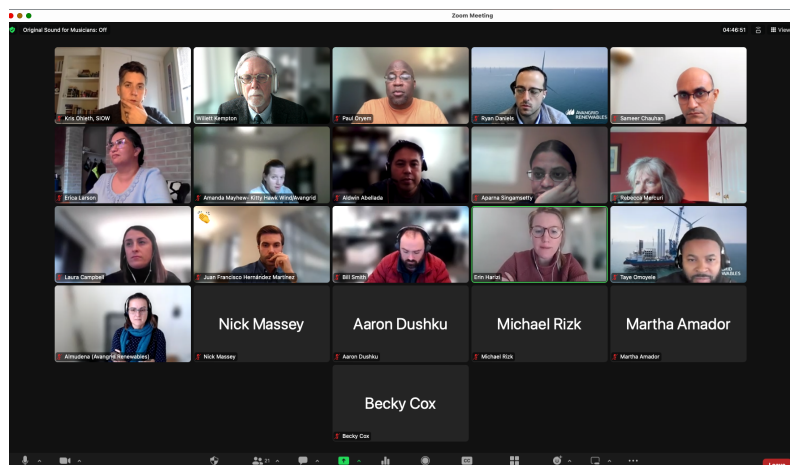
Fee: \$1800 for full course - includes course materials.

A certificate is provided upon completion.

Registration at this link: <https://crew.udel.edu/academy> or QR code to right →

For questions or help with registering, email Rebecca Cox: rlcox@udel.edu

We also have a limited number of potential scholarships covering part of the tuition cost, with funding availability that varies by session and demand. UD provides partial-cost fellowships for attendees from government or non-profits working in offshore wind; UD also has some fellowships for students studying wind power. If you qualify and want to request a fellowship, inquire about availability by contacting Becky Cox at rlcox@udel.edu.



We offer OWSA online (left) because it significantly lowers cost to produce and participant cost for travel & lodging. Periodic in-person sessions are offered at higher cost. In either case, instructors are live and address Q&A from participants. Online workshops and breakout sessions approximate the interaction offered at the live sessions.

Course participants and instructors from January 2020



Example previous participants' (including those not shown) affiliations: Avangrid Renewables; Bermuda Electric Light Co. (BELCO); Bureau of Ocean Energy Management (BOEM); Delaware Department of Natural Resources and Environmental Control; Division of Climate, Coastal, and Energy; DC Department of Energy and Environment; EDF-Renewables; EDP Renewables; Liberty Power; MARACOOS; Mayflower Wind; National Renewable Energy Laboratory; New York Offshore Wind Alliance; NYSEDERA; New York State Energy Research and Development Authority; NY Workforce Development Institute; Pacific Ocean Energy Trust; POWER Engineers; Ørsted North America; Shell; Special Initiative on Offshore Wind; Stakeholder Forum for a Sustainable Future (NY Rep. to the United Nations); ThayerMahan; United States Coast Guard; US Navy; US Department of Energy; Vineyard Offshore; Wind Quarry LLC.

Instructor and attendee companies for identification only. Content and instructors may vary from outline above based on instructor availability for each session. All text and photos © 2023, University of Delaware

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CReW
Center for Research in Wind