

# CLASS SCHEDULE

## MAST428/628 Offshore Wind Power

**Spring 2021, 3 Credits; Tues, Thur 9:30-10:45**

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<b>Class</b>	<b>Date</b>	<b>Topic</b>	<b>Lead</b>
1	16 Feb	Intro- concepts, Block Island	<i>Jeremy Firestone</i>
2	18 Feb	Wind & Atmosphere Basics	<i>Dana Veron</i>
3	23 Feb	Measuring the Wind	<i>Dana Veron</i>
4	25 Feb	Wind Predictability	<i>Dana Veron</i>
5	2 March	Wind Resource Activity	<i>Dana Veron</i>
6	4 March	Overview, Wind Technology	<i>Walt Musial (NREL)</i>
7	9 March	New Jersey wind resource Case Study	<i>Joseph Brodie (Rutgers)</i>
8	11 March	Aerodynamics	<i>Ajay Prasad</i>
9	16 March	Wakes/Turbulence	<i>Cristina Archer</i>
10	18 March	Offshore Wind Policies	<i>James Bennett (BOEM)</i>
11	23 March	<i>Grad Groups/Undergrad Exam</i>	
12	25 March	Permitting	<i>Gerri Edens (Vineyard Wind) &amp; Stephanie Wilson (Orsted)</i>
13	30 March	Blue Hen ReCoop	<b>No Class</b>
14	1 April	Siting, MSP, LCOE	<i>Jeremy Firestone</i>
15	6 April	Fishers and Wind	<i>Annie Hawkins (RODA) &amp; Mike Roach (Holderness Fishing Industry Group)</i>
16	8 April	Perceptions, Landscape, Place	<i>Jeremy Firestone</i>
17	13 April	Environmental Impact	<i>Jeremy Firestone</i>
18	15 April	<i>Grad Groups/Undergrad Exam</i>	
19	20 April	Environmental Field Studies	<i>Art Trembanis &amp; Matt Oliver</i>
20	22 April	Shelf Geology, Site Engineering	<i>John Madsen</i>
21	27 April	Port Development & Marine Construction	<i>Willett Kempton</i>
22	29 April	Stakeholder Engagement	<i>Kris Ohleth (formerly of Ørsted, &amp; Bluewater Wind)</i>
23	4 May	Transmission	<i>Deniz Ozkan (Shell)</i>
24	6 May	Grid Integration	<i>Deniz Ozkan (Shell) &amp; Matti Koivisto (DTU)</i>
25	11 May	<i>Graduate Group Meetings/Review Session Undergrads</i>	
26	13 May	Graduate Student Presentations	<i>Firestone/Veron</i>
27	18 May	Graduate Student Presentations	<i>Firestone/Veron</i>
	22 May	Final Projects Due	
	TBD	Undergraduate Final Exam	