



Introduction to Energy Technology & Policy

Monday, May 6 to Tuesday, May 7, 2024

EN24046

Agenda Subject To Change

Monday, May 6, 2024			
TIME	LECTURES	TOPIC	PRIMARY INSTRUCTOR
8:00 AM - 9:00 AM CT	Lecture 1	Top Energy Stories from 2023 and a Look Ahead to 2024	Dr. Michael Webber
9:00 AM - 10:00 PM CT	Lecture 2	Energy Basics: <i>Transitions, Vocabulary, Uses</i>	Dr. Michael Webber
10:00 AM - 11:00 AM CT	Lecture 3	Fossil Fuels: <i>Coal, Oil, Natural Gas, Midstream, and Downstream</i>	Dr. Michael Webber
11:00 AM - 12:00 PM CT	Lecture 4	Nuclear Power	Dr. Michael Webber
LUNCH			
1:00 PM - 2:00 PM CT	Lecture 5	Renewable Energy: <i>Hydro, Wind, Solar, Geothermal</i>	Dr. Yael Glazer
2:00 PM - 3:00 PM CT	Lecture 6	Energy Policy	Dr. Emily Beagle
3:00 PM - 4:00 PM CT	Lecture 7	Transportation Sector: <i>Uses by Transport Mode, Electrification, Biofuels</i>	Dr. Michael Webber
4:00 AM - 5:00 PM CT	Lecture 8	Energy for Industry and the Built Environment	Dr. Joshua Rhodes
Tuesday, May 7, 2024			
8:00 AM - 9:00 AM CT	Lecture 9	The Electricity Sector I: <i>Power Plants, Heat Rates, Capacity Factors</i>	Dr. Joshua Rhodes
9:00 AM - 10:00 AM CT	Lecture 10	The Electricity Sector II: <i>Transmission, Distribution, Smart Grids, Microgrids</i>	Dr. Joshua Rhodes
10:00 AM - 11:00 AM CT	Lecture 11	Energy & the Environment I: <i>Air, Land, Water</i>	Dr. Yael Glazer
11:00 AM - 12:00 PM CT	Lecture 12	Energy & the Environment II: <i>Equity, Sustainability and Climate Change</i>	Dr. Yael Glazer
LUNCH			
1:00 PM - 2:00 PM CT	Lecture 13	Food-Energy-Water Nexus	Dr. Yael Glazer
2:00 PM - 3:00 PM CT	Lecture 14	Hydrogen	Dr. Emily Beagle
3:00 PM - 4:00 PM CT	Lecture 15	Energy Geopolitics	Dr. Michael Webber
4:00 PM - 5:00 PM CT	Lecture 16	Megatrends: <i>Critical Technologies of the Future, Energy & Humanity</i>	Dr. Michael Webber