



AMERICAN
UNIVERSITY
OF BEIRUT



Shaping Tomorrow's
Built Environment Today



Lebanese
Chapter



GLOBAL TRAINING CENTER
DUBAI

ASHRAE GLOBAL TRAINING CENTER FOR BUILDING EXCELLENCE

Gain In-Depth, Practical Knowledge to Succeed



INTRODUCTION TO BUILDING DECARBONIZATION (MENA) 3 PDH

ONLINE

October 1, 2024

3:00–6:00 pm (Beirut time)

The course demystifies the primary sources of carbon emissions in buildings and explains the key drivers for decarbonization. It focuses on the framework of decarbonization—including key definitions and distinct scopes that drive sustainable practices. The course explains ASHRAE's role in disseminating vital decarbonization insights, emphasizing the urgency of combatting climate change, and pinpointing any given building's substantial contribution to energy-related carbon emissions.

The course explores the complexities of building carbon emissions, including on-site combustion, construction-related sources, and refrigerant leakage. Other covered topics include the principles of building decarbonization, harmonizing occupant well-being, environmental stewardship, the nature of direct and indirect emissions, and sustainable building innovation—setting a foundation of best practices for a decarbonizing HVAC&R industry.

COURSE OBJECTIVES:

- Identify primary sources for carbon emissions in building
- Understand the need and rationale behind decarbonizing the built environment
- Cite primary available carbon accounting options
- Understand basic offset strategies
- Be familiar with electrification options and strategies

For more information:

sa113@aub.edu.lb | CPreyor@ashrae.org