

# Course Agenda

## McMaster Certificate in Carbon Mitigation

McMaster Certificates of Completion



**ENGINEERING**  
W Booth School of Engineering  
Practice and Technology

Developing strategies to achieve measurable carbon reduction

### Presentations from:



**David Wheeler**  
Co-Founder,  
Academy for Sustainable Innovation



**Greg Zilberbrant**  
Principal, JBI Environmental Consulting  
Program Lead, Circular Economy & Carbon Mitigation,  
McMaster University

### Rachel Shin

Senior Analyst,  
Strategy, Research & Stakeholder Engagement  
CMC Research Institutes



### Michael Berends

Managing Director, Origination,  
Clear Blue Markets



### Alastair Handley

President,  
Carbon Credit Solutions Inc.



Over 3 days, you'll participate in...

## Presentations

### Regulatory Systems

- Overview of existing current mechanisms from taxation to cap-and-trade
- Understanding the Canadian landscape across provincial jurisdictions

### Carbon Offset Markets

- Strategic approach to carbon mitigation through offset markets
- Case studies of reduction projects through offsetting and insetting

### Carbon Capture Utilization and Storage

- Carbon Capture Utilization and Storage (CCUS) in a Canadian context
- Technology advancements and commercial readiness of CCUS

### Leadership in a Carbon-Restricted Economy

- Fundamentals of leadership in a carbon-restricted economy
- Case studies in leadership in a carbon-restricted economy

## Workshops

### Measuring for Carbon Reductions

- Identifying measurement strategies in early stages of project design
- Case evaluation from design to operation of carbon mitigation projects

### Lifecycle Assessment Process

- Fundamentals of lifecycle assessment for effective carbon management
- Case studies of effective LCA applications in leading organizations

### Carbon Footprinting

- Effective and efficient development of an organizational carbon footprint
- Strategic utilization of mitigation tools, offsets, insets, and CCUS

### Implementing Carbon Strategies

- Mapping carbon mitigation and economic factors for strategic decisions
- Developing and communicating a target-based climate change strategy

## Location & Date

RBG Rock Garden,  
Burlington, Ontario

September 16-18, 2020

Register