

Queen's University

Queen's University Venture Creation, Experiential Learning and Net-Zero Training (QVENT) Project *Certificate in Leading Sustainable Change Towards a Net-Zero Economy*

Certificate Workshop Proposals

Enclosed are eight workshop proposals, which represent the workshops that are part of the Net-Zero Certificate hosted by the QVENT Team at the Smith School of Business at Queen's University. Each one contains workshop objectives, suggested content, delivery details, compensation, and application instructions.

Application Details

All applications will be emailed to the QVENT Project Coordinator at sarah.lanteigne@queensu.ca. The application email will include:

- Subject line "Application Submission – QVENT Workshop"
- Highlight which workshop you would like to apply for
- In the email, provide us with a brief description as to why you would be a great candidate to deliver the workshop
- Attach a cover letter describing relevant experience and qualifications
- Attach a current CV

Deadline for applications: Thursday, November 2nd, 2023, at 11:59 PM

* If you are applying for more than one workshop, please send an application email for each workshop. *

You can learn more about the QVENT Project [HERE](#).

If you have any general questions about the QVENT Project, please email us netzero@queensu.ca.

Equal Employment Opportunity Statement

Queen's University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact: Sarah Lanteigne at sarah.lanteigne@queensu.ca.

High Performance Teamwork

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

This workshop is one of eight workshops that are a part of the Certificate in *Leading Sustainable Change Towards a Net-Zero Economy*. This non-credit certificate is provided to undergraduate students on behalf of the Queen's Venture Creation, Experiential Learning, and Net-Zero Training (QVENT) Project. The QVENT project is being coordinated by the Experiential Learning team at the Smith School of Business on behalf of Queen's University. This will be the first of eight workshops delivered, and the purpose of this workshop is to build foundational skills that the following workshops can build onto. More info about the QVENT Project can be found here: <https://www.queensu.ca/net-zero/>

Workshop Objectives

This workshop will be focused on the importance of a commonly held vision of success. Students will understand and manage the disparate individual goals and objectives within a team. In addition, there will be discussions about the commercially available tools to assist in forming and managing high performance teams.

Suggested Content

1. The Robber's Cave experiment and the importance of common vision of success
2. Survey of commercially available team building and assessment tools
3. HBDI quick assessment and branching exercise (online)
4. "Notional Team" breakout session – HBDI comparison and reflections, team charter preparation

Workshop Delivery Date and Time

Workshop will be delivered between January 15th, 2024, and February 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

- A Master's degree or Ph.D., or direct industrial experience in senior management or senior technical roles; and,
- Familiarity and professional experience in facilitating similar workshops and/or teaching university courses.

Application Instructions

Deadline for applications: November 2nd, 2023, at 11:59 PM

Applicants should submit:

- A short email describing why you would be an excellent workshop facilitator
- A cover letter describing relevant experience and qualifications
- Current CV

Submit your application via email to the QVENT Project Coordinator: sarah.lanteigne@queensu.ca

Design and Systems Thinking

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

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Workshop Objectives

This workshop will teach students to identify promising problems and develop solutions using the Design Thinking approach, and test key assumptions through experiments and prototypes as part of the Design Thinking approach. Students will identify systems, how to draw systems boundaries, and understand the implications of how systems are identified. Develop systems maps (showing interconnections), identify appropriate choices of systems maps and level of detail, and identify how to gather the necessary data to identify and support systems maps. Students will recognize similar and analogous operations and how to draw insights from that which is similar and that which is different.

Suggested Content

1. The importance of observation-based, human-centered approaches to identifying impactful problems to solve
2. Divergent-convergent thinking in problem identification, and solution identification
3. Recognizing assumptions inherent in solution approaches related to human and organization behaviour
4. Systems Thinking – systems boundaries, components, interconnection
5. Synergistic (emergent) behaviour – behaviour of the whole as more than sum of the parts
6. Elements in socio-physical systems, and representing systems structure using systems maps
7. Drawing inspiration and insight from elements that are similar in function while different in form
8. Case study examples drawn from plastics circularity, food, energy

Workshop Delivery Date and Time

Workshop will be delivered between January 15th, 2024, and February 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

- A Master's degree or Ph.D., or direct industrial experience in senior management or senior technical roles; and,
- Familiarity and professional experience in facilitating similar workshops and/or teaching university courses.

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Contemporary Climate Landscape

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

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Workshop Objectives

Describe the basics of climate change science and the need to reduce atmospheric Green House Gas (GHG) concentrations. Build knowledge of international, national and regional strategies for GHG reduction. Teach students to apply systems thinking to acquire an understanding of the complexity associated with reducing GHG emissions. Differentiate between mitigation and adaptation strategies, and combined use of GHG reduction and uptake strategies.

Suggested Content

1. Review of climate change science basics and the role of carbon in regulating global climate (including future climate projections)
2. Defining terms (e.g. net zero, source-sink, mitigation-adaptation, etc.)
3. Overview of international climate frameworks and national & provincial efforts for GHG reduction. Breakout groups, including:
 - a. Groups rank what they perceive to be the largest emission sources (geographically and sector-based). Then reconvene to review actual numbers.
 - b. Use of frameworks from the previous workshop (i.e. systems thinking) groups discuss why climate change is a truly global problem, and why addressing it requires solutions at all levels. Reconvene to share discussion points.

Workshop Delivery Date and Time

Workshop will be delivered between January 15th, 2024, and February 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

- A Master's degree or Ph.D., or direct industrial experience in senior management or senior technical roles; and,
- Familiarity and professional experience in facilitating similar workshops and/or teaching university courses.

Application Instructions

Deadline for applications: November 2nd, 2023, at 11:59 PM

Applicants should submit:

- A short email describing why you would be an excellent workshop facilitator
- A cover letter describing relevant experience and qualifications
- Current CV

Submit your application via email to the QVENT Project Coordinator: sarah.lanteigne@queensu.ca

Environmental Sustainability & ESG Reporting

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

This workshop is one of eight workshops that are a part of the Certificate in *Leading Sustainable Change Towards a Net-Zero Economy*. This non-credit certificate is provided to undergraduate students on behalf of the Queen's Venture Creation, Experiential Learning, and Net-Zero Training (QVENT) Project. The QVENT project is being coordinated by the Experiential Learning team at the Smith School of Business on behalf of Queen's University. This will be the fourth of eight workshops delivered, and the purpose of this workshop is to build foundational skills that the following workshops can build onto. More info about the QVENT Project can be found here: <https://www.queensu.ca/net-zero/>

Workshop Objectives

Teach students to understand the complexities of existing enterprises as they might seek to re-imagine their organization's purpose and the ESG strategy to deliver on that impact promise and reporting. Inspire students via a deep dive into a particular company and an investment fund that is reporting on ESG investing. Develop and understand a framework with which to assess an organization's ESG goals and apply the frameworks to a real situation/company in an application.

Suggested Content

1. Discussion of what the ESG strategy actually is: vision/purpose/values/strategic choices/implementation roadmaps etc.
2. Discussion of the organizational systems and processes required by an existing enterprise to reimagine its purpose, impact and ESG goals
3. A deep dive into a particular industry (Cement, oil, or another carbon intensive industry) and its targets, management and adjustment for ESG targets and their measurement
4. Key takeaways - i.e., an assessment framework to use when assessing an organization's ESG strategy, targets and measurement of impact

Workshop Delivery Date and Time

Workshop will be delivered between January 15th, 2024, and February 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

- A Master's degree or Ph.D., or direct industrial experience in senior management or senior technical roles; and,
- Familiarity and professional experience in facilitating similar workshops and/or teaching university courses.

Application Instructions

Deadline for applications: November 2nd, 2023, at 11:59 PM

Applicants should submit:

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- Current CV

Submit your application via email to the QVENT Project Coordinator: sarah.lanteigne@queensu.ca

Circular Economy, Emerging Technologies and Emerging Economic Models

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

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Workshop Objectives

Using systems thinking and systems mapping techniques, students will learn six fundamental tests that help to assess the technical, financial and sustainability of circular economy project, product, or venture proposals. Students will apply these 6 fundamental "tests" to proposed circular economy ventures and innovative technologies to assess their efficacy for environmental footprint reduction, their scalability, and their need for policy or regulatory support.

Suggested Content

1. Discussion of system map of a generic manufacturing cycle including waste streams
2. Discussion of impact of various new or proposed circular economy strategies/technologies on the environmental impacts/footprints of the related industries including material substitution, product substitution, and waste recovery proposals.
3. Breakout session – students will be assigned to small teams and each team applies the above skills to one of several proposed circular technologies. They will then present their opinion of their viability, scalability, and impact.
4. Time permitting, an overview of a completed, large scale circular economy project will be presented, and the impact will be discussed.

Workshop Delivery Date and Time

Workshop will be delivered between February 15th, 2024, and March 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

- A Master's degree or Ph.D., or direct industrial experience in senior management or senior technical roles; and,
- Familiarity and professional experience in facilitating similar workshops and/or teaching university courses.

Application Instructions

Deadline for applications: November 2nd, 2023, at 11:59 PM

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- A cover letter describing relevant experience and qualifications
- Current CV

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Advancing the UN SDGs & Policy Considerations

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

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Workshop Objectives

Students will learn to understand the origin, development, and implementation of the 17 Sustainable Development Goals (SDGs) and the progress observed towards meeting these goals. Students will be able to describe the role of each SDG and understand the interplay between these goals. The workshop will use group work to allow students to explore different SDGs, to understand the ways in which different goals can conflict, and to learn how to resolve these conflicts.

Suggested Content

1. Lecture focusing on SDG origin, purpose, implementation, roles
2. Interactive discussion examining interactions between the SDGs
3. Break out session – each team assesses 4 case studies and consider performance related to specific/assigned SDGs

Workshop Delivery Date and Time

Workshop will be delivered between February 15th, 2024, and March 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

- A Master's degree or Ph.D., or direct industrial experience in senior management or senior technical roles; and,
- Familiarity and professional experience in facilitating similar workshops and/or teaching university courses.

Application Instructions

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- Current CV

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Green Business Solutions

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

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Workshop Objectives

Students will learn to understand the complexities of existing enterprises as they might seek to re-imagine their organization's purpose and the strategy to deliver on that. Inspire students via a deep dive into one particular industry and a company that is seeking to redefine itself. Develop and understand a framework with which to assess an organization's strategy as truly 'green' or not, and an organization's likelihood of innovating to achieve a truly 'green' future.

Suggested Content

1. A discussion of what strategy actually is: vision/purpose/values/strategic choices/implementation roadmaps etc.
2. A discussion of the organizational DNA required by an existing enterprise to reimagine itself (e.g. leadership, vision, innovation capabilities, execution capabilities etc.)
3. A deep dive into a particular industry (the auto sector seems ripe because there is a fair amount of information available online and everyone could likely relate to this industry) and it is being disrupted not only by 'green' but by a myriad of other factors
4. Key takeaways - i.e. an assessment framework to use when assessing an organization's likelihood of truly embracing 'green' (strategy and DNA)

Workshop Delivery Date and Time

Workshop will be delivered between February 15th, 2024, and March 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

Preferred qualifications include:

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Life Cycle Analysis and Techno-Economic Analysis

Smith School of Business at Queen's University

Location

Queen's University (Kingston, ON)

Application Open Date

Sep 18, 2023

Application Deadline

November 2nd, 2023, at 11:59 PM

Description

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Workshop Objectives

Students enrolled in this workshop will learn to understand the principles of life cycle analysis (LCA) and techno-economic analysis (TEA). The stages of developing LCA or TEA models will be explored using free online tools (e.g. OpenLCA) and specific case studies. Using these case studies, students will learn how to interpret the outputs from these models and how to use these results to inform business development.

Suggested Content

1. Lecture focusing on LCA/TEA - what are these tools, where can they be accessed, how are they used
2. Break out session – each team assesses 4 case studies and consider how LCA/TEA models might be built

Workshop Delivery Date and Time

Workshop will be delivered between February 15th, 2024, and March 15th, 2024, exact date and time is TBD. In-person presentation during a weekday evening for 2.5 hours.

Compensation

3 hours of Course Delivery at the Faculty Rate (\$451.33 per hour). Total compensation of \$1,353.99.

Qualifications

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