

How to Earn the New LCA Credit for Canadian LEED v4 Projects

DELIVERY: ON DEMAND | **DURATION:** 1.5 HOURS | **COST:** FROM \$39

CREDITS: 1.5 GBCI CE HOURS (GENERAL OR LEED BD +C SPECIFIC)

EQUIP YOURSELF WITH THE TOOLS YOU NEED TO USE LIFE CYCLE ASSESSMENT TO ACHIEVE UP TO FIVE LEED POINTS, WHILE VERIFIABLY REDUCING THE ENVIRONMENTAL IMPACT OF YOUR NEXT BUILDING. You will learn about the new “Building Life-cycle Impact Reduction” credit, while also finding out how a free software tool (the Athena Impact Estimator for Buildings) can help you.

Who should take this course?

Architects, structural engineers, mechanical engineers, sustainability or LEED consultants, and anyone else interested in learning more about earning the new LEED “Building Life-cycle Impact Reduction” credit would benefit from this course.

Course Highlights

This on demand course will provide an overview of LCA and its value to sustainable design. You’ll learn about the changes in LEED v4 and how they reward designers who use life cycle assessment (LCA) to verifiably reduce the environmental impact of buildings.

** The new MR credit is worth three points. An exemplary performance point is additionally available, as well as a regional priority credit in some areas, for a possible total of five points.*

Instructor Profile



MARK LUCUIK, P.ENG., LEED FELLOW, DIRECTOR OF SUSTAINABILITY, MORRISON HERSHFIELD

is a practicing engineer with specialized knowledge in the fields of durability, building science and embodied environmental material effects. Mark helps design and construction teams achieve their green goals, including LEED, efficiently. He has been involved in the field of sustainability since the early 1990’s and his expertise in LEED, Building Envelopes, and the embodied material effects of building materials have allowed him to work on over one hundred green buildings in Canada and the United States. Mark sits on the Board of the Athena Institute, and is a past long serving member of the

Board of Directors of the Canada Green Building Council (past Vice-Chair). He has also been actively involved in several CaGBC committees and task groups.

WHY CaGBC?

CaGBC is a proven training expert in the field of green building, with thousands of individuals having taken CaGBC education. Our courses provide current and relevant information, while our faculty are carefully selected experts with practical industry experience who are able to provide in-depth knowledge and real-life examples.

CONTACT US! **PHONE:** 1-866-941-1184 | **EMAIL:** education@cagbc.org | **WEB:** www.cagbc.org/education



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After completing this course, you'll be able to:

- » Identify the value of life cycle assessment (LCA);
- » Apply LCA to design projects;
- » Identify how to achieve the new LEEDv4 LCA credits; and
- » Measure the environmental impacts of building material choices.

Included Materials:

- » PDF of presentation slides.
- » A quiz that individuals must pass in order earn the GBCI credit.
- » Students will have access to this recording for three months.



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