

EarthShift Certification Training Program

EarthShift offers an exciting range of LCA educational opportunities for sustainability executives and LCA practitioners.

Our learning model combines theory with hands-on exercises in an interactive learning environment. All our classes (online and on-site) are taught live by expert instructors with a low teacher-student ratio that allows time for group discussion and individual questions. This format allows a high degree of independence and creative thinking such that the LCA methodology can be effectively adapted to individual needs and visions.

The EarthShift LCA certification training program is designed to couple LCA modeling skills with LCA interpretation and report writing skills. After completing the EarthShift LCA Practitioner program of study, and meeting the ACLCA prerequisites, students have the knowledge to sit for the American Center for Life Cycle Assessment LCACP exam.

Our certification training program does not require courses to be completed within a minimum time period. Students may apply previously attended EarthShift courses to these certifications.



SimaPro User Certificate - awarded to students who complete:

<u>On site track</u>	<u>Online track</u>
2 day Applied LCA in SimaPro	Introduction to LCA
	Applied LCA in SimaPro ¹
	Basic End-Of-Life Modeling



Advanced SimaPro User Certificate – awarded to students who have earned a SimaPro User Certificate and have completed:

- Parameters
- Advanced End-Of-Life
- Build your own Impact Assessment Method

Note:

Blue Course – one week online courses, meeting once or twice during one single week for a total of 2-6 hours.

Black Courses –on-site courses, meeting for 1-2 days in Portsmouth, NH, or Seattle, WA.

Green courses – multi-week online classes, meeting once each week for 3 hours for 3-5 weeks.

¹ This course meets twice in one week, 3hrs each day



LCA Manager Certificate - awarded to students who have completed:

- LCA for decision makers or Introduction to LCA
- Using your LCA for internal decision making
- Preparing your report for external communications

An EarthShift LCA Manager can knowledgeably read LCA reports, direct LCA programs and apply LCA insights to corporate sustainability programs.



LCA Practitioner Certificate – awarded to students who have earned a SimaPro User Certificate or equivalent² and have completed:

Environmental Degree track	Non-Environmental Degree track ³
Impact Assessment Methods	Environmental Mechanisms and Impact Assessment Methods ⁴
Recycling ⁵	Recycling
Interpretation	Interpretation ⁶

Upon completing the practitioner program of study, students have the knowledge to sit for the American Center for Life Cycle Assessment LCACP exam.

An EarthShift LCA Practitioner has technical LCA modeling skills, thorough knowledge of ISO 14040/14044 standards, and has been taught to accurately apply the methodology and interpret LCA results.

² Must have similar certificate of education with another organization or university, or have working knowledge of ISO 14040/14044 and conducting an LCA in a LCA software tool.

³ For students with non-environmental college degree backgrounds.

⁴ A five week online course, meeting once each week.

⁵ A one week online course, meeting twice in one week, 2hrs the first day, 3hrs the second day

⁶ A three week online course, meeting once each week



LCA Master Practitioner Certificate – awarded to students who have received the EarthShift LCA Practitioner certificate, have had an ISO compliant LCA report reviewed by EarthShift⁷, and have taken:

- 1 day Report Writing
- One of our annual advanced topics courses such as USEtox, Consequential LCA

An EarthShift LCA Master Practitioner has proven that they have technical LCA modeling skills and ability to interpret and communicate LCA results within the broader business environment.

⁷ Typical fee for this review is \$3,000, each review will be assessed for its complexity and then quoted.