

Sustainable Project Management in Construction

3 Days



The Sustainable Project Management course provides learners with comprehensive education and training on best practices for managing projects in a sustainable and regenerative manner. Through the integration of case studies and examples from the construction industry, learners will gain a deep understanding of project management fundamentals, including the triple constraint, product scope vs. work scope, stakeholder engagement, and budgeting and monitoring.

This course stands out by emphasizing sustainable project management best practices based on the Green Project Management (GPM) P5 Standard. Learners will explore environmental considerations related to People, Planet, Profit, Product, and Process. By adopting the Projects Integrating Sustainable Methods (PRISM) approach, learners will acquire the skills to effectively manage the entire project life cycle while seamlessly integrating it with their organization's existing practices.

Additionally, learners will develop the ability to identify and mitigate risks in crucial areas such as carbon emission reduction within supply chains, Diversity, Equity, and Inclusion (DEI) hiring practices, minimizing the project's impact

on local ecosystems, and creating positive local economic impacts. This course empowers learners to make informed decisions that promote sustainability across all aspects of construction project management.

Upon successful completion of the course and associated examination, the learners will receive GPM-b Certification from Green Project Management in addition to the Statement of Achievement from Algonquin College.

LEARNING OBJECTIVES

- Recognizing and articulating the fundamental significance of sustainability in project management
- Proficiently applying the PRISM (Projects Integrating Sustainable Methods) lifecycle framework
- Crafting compelling and effective business cases for sustainable projects, using the example from construction industry
- Conducting a comprehensive P5 Impact Analysis to assess and mitigate sustainable and economic construction project risks
- Skillfully engaging and negotiating with project stakeholders to promote sustainable outcomes
- Evaluating potential suppliers based on sustainable criteria to support responsible procurement
- Identifying and prioritizing risks and opportunities to ensure sustainable project success
- Methodically documenting project success criteria for comprehensive construction project evaluation
- Precisely estimating, budgeting, and scheduling project phases for efficient resource allocation
- Cultivating a stronger and more diverse construction project team to foster innovation and inclusivity
- Effectively understanding and managing conflicts that may arise during project execution
- Accurately reporting on project progress, utilizing quantitative and qualitative metrics
- Providing input data materiality for ESG (Environmental, Social, and Governance) reporting and disclosures, ensuring transparency and accountability

WHO SHOULD ATTEND

- Anyone in the construction industry who manages projects

COURSE MATERIALS AND FEES

- The GPM-b certification exam is included in this course
- Industry Recognition: Learners who successfully complete the course and associated examination will receive a globally recognized GPM-b certification

This course is made possible by Quick Train Canada, a fully-funded skills training and education program that is powered by Canadian Colleges for a Resilient Recovery (C2R2). From now until March 31, 2024, this course is fully funded and offered at no cost to the learner.

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HOW TO REGISTER

- CALL** 1.833.282.6852
- EMAIL** training@algonquincollege.com
- ONLINE** algonquincollege.com/corporate