

Construction Project Management

Program Learning Outcomes

Learning outcomes represent culminating demonstrations of learning and achievement. In addition, learning outcomes are interrelated and cannot be viewed in isolation of one another. As such, they should be viewed as a comprehensive whole. They describe performances that demonstrate that significant integrated learning by graduates of the program has been achieved.

The graduate has reliably demonstrated the ability to

1. Develop and use strategies to promote continuous professional learning in the construction industry.
2. Monitor and support workplace health and safety practices and procedures which are compliant with current legislation and regulations.
3. Assess construction project operations for compliance with contractual obligations, applicable taxes, standards, bylaws, codes and ethical practices in construction methodology.
4. Analyze and monitor construction processes to ensure that sustainability practices are implemented in accordance with contract documents, industry standards and environmental legislative requirements.
5. Establish and manage relationships among diverse project stakeholders to achieve construction project goals.
6. Manage the production, storage, retrieval and communication of project-related digital documents according to best practices, to meet construction project deadlines and goals.
7. Perform a feasibility study to inform decisions in the planning phase of a construction project.
8. Schedule, manage and evaluate the progression of construction projects by applying the principles, practices and tools of construction project management to complete projects on time and within budget.
9. Prepare estimates and manage procurement processes to control costs in accordance with best practices in construction project management.
10. Develop and oversee quality assurance and control processes involved in the completion of construction projects to meet project specifications and industry quality standards.
11. Analyze and manage project risks to mitigate their impact throughout the construction project lifecycle.
12. Formulate human resource management strategies to optimize personnel requirements for construction project completion.
13. Build and lead multidisciplinary teams throughout the construction project lifecycle to accomplish construction project goals.