

Building Construction Technician

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 for ongoing professional development to remain current with industry changes, enhance work performance and explore career opportunities.
2. Comply with worksite health and safety practices and procedures in accordance with current legislation and regulations.
3. Review building plans and complete work in compliance with contractual obligations, the Ontario and/or National Building Codes, applicable laws, bylaws, standards and ethical practices in the building construction field.
4. Incorporate sustainability practices* in the implementation of building construction projects* in accordance with sustainable building construction guidelines.
5. Communicate and collaborate with a range of tradespersons and diverse project stakeholders to complete projects on time and to maintain effective working relationships.
6. Produce project sketches and documents in accordance with project specifications to support building construction projects.
7. Solve problems related to the implementation of building construction projects by applying basic technical mathematics and the principles of building science.
8. Select, maintain and safely use hand tools, and portable and stationary power tools, to efficiently complete building construction projects.
9. Complete building stages, from site layout and footings to the application of interior and exterior finishes, according to specifications.
10. Prepare material and labour estimates according to building construction project* specifications.