

# Renovation Construction Technician

▶ PROGRAM DESCRIPTION

★ 1 CO-OP TERM: MAY - AUGUST

Individuals with ambition to run their own renovation company or to gain employment in a successful construction company are ideally suited for this program.

In five terms - one of which is a co-op - students will cover advanced interior finishes, decks and porches, cabinets, trim, basement and bathroom renovation, as well as additional components to renovation construction with an emphasis placed on eco-friendly building practices and residential and small commercial framing and layout. Through hands-on projects utilizing Lambton College's 6,500 sq. ft. shop and 1,800 sq. ft. teaching house, theory is applied on a daily basis. Renovation Technician students participate in community-based learning projects such as rebuilding local business structures or working with non-profit organizations.

Training is safety-based and business-focused. Courses in computer estimating and project management are key to the well-rounded education offered in this program. All training has a strong focus on safety and energy efficiency, construction and design. Students also have the opportunity to attend annual trade shows and visit local job sites in the community where they will have the opportunity to network and learn from local industry experts.



For co-op information, contact:

**Kyle Walker, Job Developer**  
kyle.walker@lambtoncollege.ca | 519-331-0788

▶ COURSE LIST

Term 1	Term 2	Co-op Term
CCT-1066 Safety, Tools and Materials CCT-1012 Construction Plans, Specifications and Codes RCT-1124 Surveying and Layout JSS-1001 Job Search and Success MTH-1303 Estimating and Calculating I RCT-1135 Foundation Systems	BUS-1003 Intro to Business (GED) CCT-2042 Energy Efficiencies and Sustainable Construction CCT-2066 Interior and Exterior Finishing CCT-1056 Floors, Walls and Roof Construction COM-1113 Workplace Communications RCT-1102 Construction Safety	CPL-XXX3 Co-op Work Term (optional)
Term 3	Term 4	
RCT-3102 Renovation Project Management RCT-2111 Hoisting and Rigging RCT-3313 Basement and Bathroom Renovation Construction RCT-2103 Introduction to Design RCT-3124 Decks and Porches RCT-3233 Electrical and Plumbing Techniques for Renovations GED-XXX3 General Education Elective	RCT-2114 Interior Finishing- Trims and Cabinets RCT-3213 Computer Applications and Estimating RCT-3134 Advanced Finishes RCT-3114 Computer Assisted Drafting (SOFTPLAN) RCT-2124 Framing Techniques GED-XXX3 General Education Elective	



For co-op information, contact:

**Kyle Walker, Job Developer**  
 kyle.walker@lambtoncollege.ca | 519-331-0788

▶ PROGRAM CAPABILITIES

### Co-op Term

- How to safely use Stationary and Power Tools in a work environment
- Complete basic math computations related to the construction industry
- Understand the basics to blue print reading, specifications and building codes
- An understanding of the footings and foundations process and it's applications
- A basic understanding of building layout and surveying
- An understanding of small business practices
- Knowledge in construction design principles and sustainable building methods
- Knowledge and application of residential framing systems including floors, walls, roof and alternate framing systems
- Knowledge and application of a variety of interior and exterior finishes
- An understanding of demolition and waste management

### Upon Graduation

- An understanding of renovation and project management
- Knowledge in Basement Renovation
- Knowledge in Computer assisted drafting and estimating
- Knowledge and application of Interior trims and cabinets

For co-op information, contact:

**Kyle Walker, Job Developer**  
kyle.walker@lambtoncollege.ca | 519-331-0788