

# Residential Building Maintenance Course



## Module 1 Building Maintenance Fundamentals

**Course Hours: 60**

### Course Description

This course provides basic instruction in several trades-related skills used by building maintenance technicians and related workers to provide general and preventative services for safe, comfortable living conditions for residents of rental properties. Ranging across several fields, including carpentry, plumbing, electrical and other areas, the course provides a basic understanding of the essentials in each area as well as skills for immediate maintenance and repair. Participants will work in hands-on exercises in the college's training facilities to gain familiarity with basic systems, utilities, components, and processes used in basic facility maintenance.

### Learning Outcome(s)

Learners are required to successfully complete each course outcome. In keeping with NSCC's approach to portfolio learning, learners will have demonstrated the ability to:

1. Identify and use appropriate tools and safety equipment to conduct maintenance and repair work.  
Objective(s)
  - a. Identify and explain the operation of various hand and power tools typically used in building maintenance tasks
  - b. Identify relevant occupational health and safety issues when conducting inspection and maintenance work.
  - c. Identify and use appropriate personal protective equipment when conducting maintenance tasks.
2. Perform basic carpentry and general repair work on building/ residence structures and fixtures  
Objective(s):

- a. Inspect an assess damage to determine work scope for structural and general repairs
  - b. Patch, prepare and paint damaged or worn walls and doors
  - c. Replace knobs, locks and latches on doors and cabinets.
  - d. Repair torn or missing floor and wall tiles
  - e. Caulk windows and service window latches and related fixtures
  - f. Maintain carpentry and general repair work records and related documentation in accordance with employer expectations and procedures.
3. Provide basic plumbing repairs in residence settings  
Objective(s)
- a. Inspect and assess damage or maintenance needed for plumbing issues
  - b. Drain and unclog washroom and kitchen sinks
  - c. Replace sink fixtures (faucet, drain stops, traps, etc.)
  - d. Install toilet and toilet fixtures
  - e. Identify and isolate local plumbing systems and issues
  - f. Maintain plumbing work records and related documentation in accordance with employer expectations and procedures.
4. Troubleshoot basic residential electrical problems  
Objective(s)
- a. Assess damage or functionality issues to identify scope of work for electrical issues
  - b. Inspect and replace as necessary internal and external lighting (lamps, bulbs, etc.)
  - c. Replace light switches, power receptacles and plates
  - d. Identify, isolate and reset breakers

Maintain electrical work records and related documentation in accordance with employer expectations and procedures.

**Course Cost**

Members: TBD

Non-Members: TBD

**For more information contact:**

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