

## Module: Before You Begin

Unit	Learning Activity	Find and Use Information	Communicate Ideas and Information	Understand and Use Numbers	Use Digital Technology	Manage Learning
What is a Skilled Trades Helper	<i>1</i>	A1.2 A2.1	B2.1 B2.2 B3.1			E1
Other Trades People on the Job Site	<i>1</i>	A1.1 A2.1	B3.1 B3.2			
	<i>2</i>	A1.1 A2.1	B2.1 B3.1			
	<i>3</i>	A1.2	B2.1 B3.1			
	<i>4</i>	A1.1	B3.1			
	<i>5</i>	A1.2 A2.1 A2.2	B3.1			
	<i>6</i>	A1.1 A2.1	B2.1 B3.1			
	<i>7</i>	A1.1 A1.2 A2.1	B2.1 B3.1			
What Employers Want in a Skilled Trades Helper	<i>1</i>	A1.2 A2.2	B1.1 B1.2 B2.1 B2.2 B2.3 B3.1 B3.2			
Communicating with Others	<i>1</i>	A1.1	B2.1			
	<i>2</i>	A1.2 A2.2	B3.1			
	<i>3</i>	A1.2 A2.1	B3.1			
Problem Solving	<i>1</i>	A1.1 A2.2	B3.1			
Time Sheets	<i>1</i>	A1.1	B3.1			

## Module: Equipment and Materials

Unit	Learning Activity	Find and Use Information	Communicate Ideas and Information	Understand and Use Numbers	Use Digital Technology	Manage Learning
Ladders - Ladder Safety Tips	1	A1.1 A2.1 A2.2	B2.2 B3.1	C3.1		
Ladders - Extension Ladders	2	A1.2 A2.2	B2.1 B2.2 B3.1			
Ladders - Portable Ladders	3	A1.2 A2.2	B2.1 B3.1 B3.2	C3.1	D2	
Ladders - Step Ladders	4	A1.2 A2.2	B2.1 B3.1 B3.2			
Ladders - Getting On and Off	5	A1.1 A2.2	B2.1 B3.1			
Ladders - Ladder Inspection	6	A2.2	B2.1 B3.1			
Ladders - Storage and Handling of Ladders	7	A2.2	B2.1 B3.1			
Tool Safety - Hand Tool Basics	1	A1.2 A2.2	B2.1 B3.1			
Tool Safety - Electric Tools	2	A1.2 A2.2	B2.1 B2.2 B3.1 B3.2			
Tool Safety - Wrenches	3	A1.2 A2.2	B2.2 B3.1			
Tool Safety - Tin Snips	4	A1.2 A2.2	B3.1			
Tool Safety - Screwdrivers	5	A2.2	B2.2 B3.1			
Tool Safety - Handsaw	6	A2.2	B1.1 B3.1	C3.1		
Tool Safety - Pliers	7	A1.2 A2.2	B3.1			
Tool Safety -	8	A1.2	B3.1			

*Skilled Trades Helper Competency Chart*

Clamps		A2.2				
Tool Safety - Hammers	<b>9</b>	A1.2 A2.2	B2.1 B3.1	C3.1		
Tool Safety - Table Saws	<b>10</b>	A1.2 A2.2	B1.1 B2.2 B3.1			
Tool Safety - Drills	<b>11</b>	A1.2 A2.2	B1.1 B2.1 B2.2 B3.1		D1	
Tool Safety - Sanders	<b>12</b>	A1.2 A2.2	B2.2 B3.1			
Tool Safety - Belt Sanders	<b>13</b>	A2.2	B2.1 B3.1			
Tool Safety - Routers	<b>14</b>	A1.2 A2.2	B2.1 B3.1 B3.2		D2	
Tool Safety - Band Saws	<b>15</b>	A2.2	B3.1			
Tool Safety - Circular Saws	<b>16</b>	A2.2	B1.1 B2.2 B3.1			
Tool Safety - Circular Saws - Pocket Cuts	<b>17</b>	A2.1	B3.1	C3.1		
Tool Safety - Mitre Saw	<b>18</b>	A2.2	B2.2 B3.1			
Tool Safety - Push Blocks/Push Pins	<b>19</b>	A1.2 A2.2	B2.2 B3.1			
Tool Safety - Radial Arm Saw	<b>20</b>	A1.2 A2.2	B2.2 B3.1			
Tool Safety - Pneumatic Tools	<b>21</b>	A1.2 A2.2	B2.2 B3.1			
Tool Safety - Pneumatic Nailing and Stapling	<b>22</b>	A2.2	B2.2 B3.1			
Construction Machines	<b>1</b>	A1.2	B2.1 B2.2		D2	
Blueprints and Drawings	<b>1</b>	A1.2	B2.1 B2.2			

## Module: Numeracy

Unit	Learning Activity	Find and Use Information	Communicate Ideas and Information	Understand and Use Numbers	Use Digital Technology	Manage Learning
Imperial Measurement - Inches and Feet	1	A1.1	C3.2			
	2	A1.2 A2.1		C3.2		
Imperial Measurement - Rulers	3	A1.2		C3.2		
	4	A2.1		C3.1		
Imperial Measurement - Ruler Game	5	A1.1 A2.1	B3.1	C3.2 C4.1	D1	
Imperial Measurement - Fun Brain	6	A1.1 A2.1	B3.1	C3.2 C4.1	D1	
Metric Measurement - Metric Ruler	1	A1.1		C3.1		
	2	A1.1		C3.1		
	3	A1.1		C3.1		
	4	A2.1		C3.2		
	5	A2.1		C3.2		
Metric Measurement - Fun Brain	6	A1.1 A2.1	B3.1	C3.2 C4.1	D1	
Basic Geometry	1	A1.1 A1.2 A2.2	B3.1	C3.2		
Basic Geometry - Types of Angles	2	A1.2 A2.2	B3.1			
Basic Geometry - Parallel Lines	3	A1.1 A1.2 A2.1	B3.1			
Basic Geometry - Shapes	4	A1.2 A2.2	B3.1			
Fractions and Decimals	1	A1.2		C3.2		
	2	A1.2		C3.2		
	3	A1.2 A2.1		C3.2		
Circles	1	A1.2 A2.2		C3.3		

*Skilled Trades Helper Competency Chart*

3, 4, 5 Rule	<b>1</b>	A1.2	B1.2 B2.1	C3.2 C4.1		
Calculation at Work - Area	<b>1</b>	A1.2 A2.2		C3.2		
Calculation at Work - Cost Per Square Foot	<b>1</b>	A1.1 A1.2 A2.2		C1.1 C3.2		
Calculation at Work - Liquids	<b>1</b>	A1.1 A1.2 A2.2		C3.2		

## Module: Health and Safety

Unit	Learning Activity	Find and Use Information	Communicate Ideas and Information	Understand and Use Numbers	Use Digital Technology	Manage Learning
General Information - General Safety Tips	<b>1</b>	A1.2 A2.2	B1.2 B2.1 B2.2 B3.1			
General Information - Fire Extinguishers	<b>2</b>	A1.2 A2.2	B1.1 B2.2 B3.1			
General Information - Electrical Safety	<b>3</b>	A1.2 A2.2	B2.1 B2.2 B3.1			
Personal Protective Equipment	<b>1</b>	A1.1	B3.1			
	<b>2</b>	A1.2 A2.2	B3.1			
Risk Management	<b>1</b>	A1.2 A2.2	B2.2 B3.1			
Risk Management - Housekeeping	<b>2</b>	A1.2 A2.2	B2.1 B3.1			
Risk Management - Workplace Housekeeping	<b>3</b>	A2.1	B3.1			
Risk Management -	<b>4</b>	A1.2 A2.2	B2.1 B3.1			

*Skilled Trades Helper Competency Chart*

Contact Lenses at Work						
Slips, Trips and Falls	<i>1</i>	A1.2 A2.2	B3.1			
	<i>2</i>	A1.1 A2.1	B2.1			
Noise - Auditory Effect	<i>1</i>	A1.2 A2.2	B3.1			
Noise - Non Auditory Effect	<i>2</i>	A2.1	B3.1			
Lock Out / Tag Out	<i>1</i>	A1.2	B3.1			
WHMIS Overview	<i>1</i>	A1.2 A2.2	B2.2 B3.1			
WHMIS Overview - Information Bulletin	<i>2</i>	A1.2 A2.2	B3.1			
Ergonomics	<i>1</i>	A1.1	B3.1			
	<i>2</i>	A1.2 A2.2	B3.1			
Employee Rights	<i>1</i>	A1.1 A1.2	B1.2			
	<i>2</i>	A2.2	B2.1			
	<i>3</i>	A1.2 A2.2	B3.1			
	<i>4</i>	A1.2 A2.2	B3.1			