



# **Construction Craft Labourer**

## **Guide to Course Content**

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*Recognition:*

*To promote transparency and consistency, this document has been adapted from the 2025 Construction Craft Worker National Occupational Analysis (Employment and Social Development Canada).*

*A complete version of the National Occupational Analysis can be found at [www.red-seal.ca](http://www.red-seal.ca)*

# STRUCTURE OF THE GUIDE TO COURSE CONTENT

To facilitate understanding of the occupation, this guide to course content contains the following sections:

**Task Matrix:** a chart which outlines graphically the major work activities, tasks and sub-tasks of this standard detailing the essential skills and the level of training where the content is covered. The Task Matrix is broken down into the following:

**Major Work Activity:** the largest division within the standard that is comprised of a distinct set of trade activities.

**Task:** distinct actions that describe the activities within a major work activity.

**Sub-task:** distinct actions that describe the activities within a task.

**Training Profile Chart:** a chart which outlines the model for Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) technical training.

**Technical Training Course Content for the Carpenter trade:** a chart which outlines the model for SATCC technical training sequencing. For the harmonized level of training, a cross reference to the Harmonized apprenticeship technical training sequencing, at the learning outcome level, is provided.

# TRAINING REQUIREMENTS FOR THE CONSTRUCTION CRAFT LABOURER TRADE

To graduate from each level of the apprenticeship program, an apprentice must successfully complete the required technical training and compile enough on-the-job experience to total at least 1200 hours each year. Total trade time required is 2400 hours and at least 2 years in the trade.

There are two levels of technical training delivered by Saskatchewan Polytechnic in Moose Jaw.

Level One: 4 weeks

Level Two: 4 weeks

The information contained in this guide to course content details the technical training delivered for each level of apprenticeship. An apprentice spends approximately 15% of their apprenticeship term in a technical training institute learning the technical and theoretical aspects of the trade. The hours and percentages of technical and practical training may vary according to class needs and progress.

The content of the technical training components is subject to change without notice.

## Entrance Requirements for Apprenticeship Training

Your grade twelve transcripts (with no modified classes) or GED 12 is your guarantee that you meet the educational entrance requirements for apprenticeship in Saskatchewan. In fact, employers prefer and recommend apprentices who have completed high school. This ensures the individual has all of the necessary skills required to successfully complete the apprenticeship program, and receive journeyperson certification.

Individuals with “modified” or “general” classes in math or science do not meet our entry requirements. These individuals are required to take an entrance assessment prescribed by the SATCC.

English is the language of instruction in all apprenticeship programs and is the common language for business in Saskatchewan. Before admission, all apprentices and/or “upgraders” must be able to understand and communicate in the English language.

Designated Trade Name	Math Credit at the Indicated Grade Level ❶	Science Credit at Grade Level
Construction Craft Labourer	Grade 10	Grade 10
<p>❶ - (One of the following) WA – Workplace and Apprenticeship; or F – Foundations; or P – Pre-calculus, or a Math at the indicated grade level (Modified and General Math credits are not acceptable.).</p> <p>*Applicants who have graduated in advance of 2015-2016, or who do not have access to the revised Science curricula will require a Science at the minimum grade level indicated by trade.</p> <p>For information about high school curriculum, including Math and Science course names, please see:  <a href="http://www.curriculum.gov.sk.ca/#">http://www.curriculum.gov.sk.ca/#</a></p> <p><b>Individuals not meeting the entrance requirements will be subject to an assessment and any required training.</b></p>		

# CONSTRUCTION CRAFT LABOURER

## TASK MATRIX

This chart outlines the major work activities, tasks and sub-tasks from the 2025 Construction Craft Labourer Red Seal Occupational Standard. Each sub-task details the corresponding essential skill and level of training where the content is covered. \*

\* Sub Tasks with numbers in the boxes is where the content will be delivered in training.

### A – Performs common occupational skills

**18%**

<b>Task A-1 Maintains safe and healthy workplace</b>	<b>1.01 Maintains safe work environment</b>  1	<b>1.02 Uses personal protective equipment (PPE) and safety equipment</b>  1	<b>1.03 Participates in healthy and respectful work environment</b>  1		
<b>Task A-2 Uses and maintains tools and equipment</b>	<b>2.01 Uses hand, pneumatic, power and powder-actuated tools</b>  1	<b>2.02 Uses rigging and hoisting equipment</b>  1	<b>2.03 Uses stationary and portable equipment</b>  1	<b>2.04 Uses media blasting equipment</b>  1	<b>2.05 Uses mobile equipment</b>  1
<b>Task A-3 Organizes work</b>	<b>3.01 Uses documentation</b>  1, 2	<b>3.02 Handles construction materials</b>  1, 2	<b>3.03 Performs site housekeeping and maintenance</b>  1, 2		
<b>Task A-4 Performs routine trade activities</b>	<b>4.01 Erects hoarding/enclosures</b>  1, 2	<b>4.02 Installs membranes</b>  1, 2	<b>4.03 Installs insulating materials</b>  1, 2	<b>4.04 Establishes grades and elevations</b>  1, 2	<b>4.05 Performs traffic control</b>  1, 2
	<b>4.06 Installs permanent and temporary fencing</b>  1, 2				

<b>Task A-5 Maintains continuous learning</b>	<b>5.01 Upskills in new trade practices and procedures</b>  2	<b>5.02 Upskills in emerging technologies</b>  2
<b>Task A-6 Uses communication and mentoring techniques</b>	<b>6.01 Uses communication techniques</b>  1	<b>6.02 Uses mentoring techniques</b>  2

## B – Performs site work

**20%**

<b>Task B-7 Prepares site</b>	<b>7.01 Clears site</b>  1, 2	<b>7.02 Sets up site facilities</b>  1, 2	<b>7.03 Assists in installation of pilings and caissons</b>  1, 2	<b>7.04 Builds access and egress roads</b>  1, 2	
	<b>Task B-8 Performs ground work</b>	<b>8.01 Locates underground utilities</b>  1	<b>8.02 Performs excavation</b>  1	<b>8.03 Installs excavation shoring and shielding</b>  1	
		<b>8.04 Performs backfill and compaction</b>  1	<b>Task B-9 Services site</b>	<b>9.01 Addresses suspected hazardous materials</b>  1, 2	<b>9.02 Controls water runoff</b>  1
		<b>9.03 Sets up temporary lighting</b>  1		<b>9.04 Sets up generators and compressors</b>  1	<b>9.05 Performs site restoration</b>  1, 2
<b>9.06 Manages tool crib</b>  1	<b>9.07 Recycles materials</b>  1				

**Task B-10 Performs basic demolition**

**10.01 Cuts material**  
  
1, 2

**10.02 Dismantles existing structures and components**  
  
1, 2

**Task B-11 Performs safety watches**

**11.01 Monitors hazardous gases and atmospheres**  
  
1

**11.02 Performs fire watch**  
  
1

**11.03 Performs bottle watch**  
  
1

**11.04 Performs confined space watch**  
  
1

**11.05 Monitors heaters**  
  
1

## C – Uses scaffolding and access equipment

**10%**

**Task C-12 Uses scaffolding**

**12.01 Erects scaffolding**  
  
1, 2

**12.02 Inspects scaffolding**  
  
1, 2

**12.03 Maintains scaffolding**  
  
1, 2

**12.04 Tends to scaffold erectors**  
  
1,2

**12.05 Dismantles scaffolding**  
  
1, 2

**Task C-13 Uses access equipment**

**13.01 Uses ladders**  
  
1

**13.02 Uses stationary and mobile elevating work platforms (MEWP)**  
  
1

**13.03 Inspects access equipment**  
  
1

**13.04 Maintains access equipment**  
  
1

## D – Concrete work

**19%**

**Task D-14 Forms concrete**

**14.01 Installs formwork and shoring**  
  
1, 2

**14.02 Inspects assembled formwork**  
  
1, 2

**14.03 Dismantles formwork**  
  
1, 2

**Task D-15 Places and finishes concrete**

**15.01 Mixes concrete**  
  
1, 2

**15.02 Transports concrete on site**  
  
1, 2

**15.03 Places concrete**  
  
1, 2

**15.04 Installs embedded components in concrete**  
  
1, 2

**15.05 Assist with finishing concrete**  
  
1, 2

**15.06 Controls concrete curing process**

1, 2

**Task D-16 Modifies concrete**

**16.01 Drills/cores / cuts concrete**

2

**16.02 Prepares concrete for resurfacing**

2

**16.03 Performs concrete repair and refinishing**

2

**16.04 Creates expansion, control and isolation joints**

2

**D-17 Places/applies grout, epoxies, caulking and chemical materials**

**17.01 Places/applies grout**

2

**17.02 places/applies epoxies and chemical materials**

2

**17.03 Applies caulking**

2

## E – Masonry work

**12%**

**Task E-18 Prepares for masonry work**

**18.01 Sets up masonry materials**

2

**18.02 Mixes mortars and grouts**

2

**Task E-19 Tends to bricklayers**

**19.01 Cuts masonry units**

2

**19.02 Installs lintels and rough bucks**

2

**19.03 Washes masonry units**

2

**19.04 Installs refractory materials**

2

**19.05 Uses fireproof materials**

2

## F – Utilities and pipeline

11%

Task F-20 Installs piping for utilities	20.01 Installs pipe for water systems  1, 2	20.02 Installs pipe for sanitary and storm sewer systems  1, 2	20.03 Installs pipe for other utility structure  1, 2	20.04 Installs catch basins utility vaults, weeping tile and maintenance holes  1, 2	20.05 Modifies existing pipe  1, 2
	20.06 Assists with testing water, sanitary and storm sewer lines  1, 2				
	Task F-21 Performs pipelines activities	21.01 Constructs right of ways  2	21.02 Performs pipeline installations  2	21.03 Performs pipeline maintenance  2	

## G – Roadwork

10%

Task G-22 Prepares and builds roads	22.01 Prepares earth for right of way  1, 2	22.02 Places layers and road surface materials for roadwork  1, 2	22.03 Repairs road surfaces  1, 2
	Task G-23 Installs roadwork components	23.01 Installs barriers  1	23.02 Installs road markings and signs  1

# TRAINING PROFILE CHART

This Training Profile Chart represents Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) technical training at the topic level.

Level One	Transcript Code	Hours
Safe Work Practices	CCL-100	12
Occupational Skills	CCL-110	10
Tools and Equipment	CCL-120	12
Routine Trade Activities	CCL-130	12
Site Work	CCL-140	22
Scaffolding and Access Equipment	CCL-150	12
Concrete Work	CCL-160	22
Utilities and Pipeline Tasks	CCL-170	12
Roadwork	CCL-180	6
		120

Level Two	Transcript Code	Hours
Safe Work Practices	CCL-200	6
Occupational Skills	CCL-210	14
Grades and Elevations	CCL-220	12
Site Work	CCL-230	22
Scaffolding	CCL-240	16
Concrete Work	CCL-250	24
Masonry Work	CCL-260	12
Utilities and Pipeline Tasks	CCL-270	14
		120

# TECHNICAL TRAINING COURSE CONTENT

This chart outlines the model for Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) technical training sequencing.

<b>Level One</b>	<b>4 weeks</b>	<b>120 hours</b>
<b>Safe Work Practices</b>		<b>12 hours</b>
<ul style="list-style-type: none"><li>• Describe workplace hazards</li><li>• Identify OHS regulations</li><li>• Describe fall protection systems and equipment</li><li>• Describe personal protective equipment</li><li>• Describe fire safety procedures</li><li>• Describes procedures for performing a safety watch</li></ul>		
<b>Occupational Skills</b>		<b>10 hours</b>
<ul style="list-style-type: none"><li>• Identify construction documents and specifications</li><li>• Describe various methods of communication</li><li>• Use basic trade math</li></ul>		
<b>Tools and Equipment</b>		<b>12 hours</b>
<ul style="list-style-type: none"><li>• Use hand tools</li><li>• Use power tools</li><li>• Use powder-actuated tools</li><li>• Describe the use of rigging and hoisting equipment</li><li>• Describe the use of portable equipment</li><li>• Describe the use of mobile equipment</li><li>• Describe the use of sand blasters</li><li>• Describe the use of packers</li></ul>		
<b>Routine Trade Activities</b>		<b>12 hours</b>
<ul style="list-style-type: none"><li>• Describe procedures for installing fencing</li><li>• Describe procedures to erect and dismantle hoarding</li><li>• Describe procedures to control traffic</li><li>• Describe procedures to establish grades and elevations</li><li>• Describe methods to safely handle various materials</li><li>• Describe procedures for installing membranes</li><li>• Describe procedures for installing insulating materials</li></ul>		

<b>Site Work</b> <ul style="list-style-type: none"> <li>• Describe procedures for preparing a jobsite</li> <li>• Describe procedures for performing ground work</li> <li>• Describe demolition procedures</li> <li>• Describe excavation and shoring practices</li> <li>• Describe procedures for servicing a jobsite</li> </ul>	<b>22 hours</b>
<b>Scaffolding and Access Equipment</b> <ul style="list-style-type: none"> <li>• Use scaffolding</li> <li>• Describe the use of access equipment</li> </ul>	<b>12 hours</b>
<b>Concrete Work</b> <ul style="list-style-type: none"> <li>• Install concrete formwork</li> <li>• Perform the placement and finishing of concrete</li> </ul>	<b>22 hours</b>
<b>Utilities and Pipeline</b> <ul style="list-style-type: none"> <li>• Describe procedures for installing utility piping</li> </ul>	<b>12 hours</b>
<b>Road Work</b> <ul style="list-style-type: none"> <li>• Describe procedures for installing paving materials</li> <li>• Describe procedures for installing roadwork components</li> </ul>	<b>6 hours</b>

<b>Level Two</b>	<b>4 weeks</b>	<b>120 hours</b>
<b>Safe Work Practices</b>		<b>6 hours</b>
<ul style="list-style-type: none"> <li>• Describe workplace hazards</li> <li>• Describe the purpose of safety committees</li> </ul>		
<b>Occupational Skills</b>		<b>14 hours</b>
<ul style="list-style-type: none"> <li>• Interpret construction documents and specifications</li> <li>• Use basic trade math</li> </ul>		
<b>Grades and Elevations</b>		<b>12 hours</b>
<ul style="list-style-type: none"> <li>• Establish grades and elevations</li> </ul>		
<b>Site Work</b>		<b>22 hours</b>
<ul style="list-style-type: none"> <li>• Describe procedures for preparing a jobsite</li> <li>• Describe procedures for performing ground work</li> <li>• Describe demolition procedures</li> </ul>		
<b>Scaffolding</b>		<b>16 hours</b>
<ul style="list-style-type: none"> <li>• Use Scaffolding</li> </ul>		
<b>Concrete Work</b>		<b>24 hours</b>
<ul style="list-style-type: none"> <li>• Install concrete formwork</li> <li>• Perform the placement and finishing of concrete</li> <li>• Describe concrete maintenance and repair</li> <li>• Install grout, epoxies and caulking</li> </ul>		
<b>Masonry Work</b>		<b>12 hours</b>
<ul style="list-style-type: none"> <li>• Describe procedures for masonry work preparations</li> <li>• Describe procedures for assisting bricklayers</li> </ul>		
<b>Utilities and Pipeline</b>		<b>14 hours</b>
<ul style="list-style-type: none"> <li>• Describe procedures for installing utility piping</li> <li>• Describe pipeline right of ways and installation</li> <li>• Describe pipeline maintenance</li> </ul>		