



Carpenter

Guide to Course Content

2024



Online: www.saskapprenticeship.ca

Recognition:

To promote transparency and consistency, portions of this document has been adapted from the 2022 Carpenter Red Seal Occupational Standard (Employment and Social Development Canada).

A complete version of the Occupational Standard can be found at 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 CARPENTER 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 1800 hours each year. Total trade time required is 7200 hours and at least 4 years in the trade.

There are four levels of technical training for Carpenter delivered by Saskatchewan Polytechnic at the Moose Jaw and Prince Albert Campuses. Certain training sessions are being offered by Saskatchewan Polytechnic at the Saskatoon and Regina Campuses:

Level One: 8 weeks

Level Two: 7 weeks

Level Three: 7 weeks

Level Four: 8 weeks

The information contained in this document 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 journeyman 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. Applicants whose first language is not English must have a minimum Canadian Language Benchmark Assessment of six (CLB6).

Note: A CLB assessment is valid for a one-year period from date of issue.

Designated Trade Name	Math Credit at the Indicated Grade Level ^❶	Science Credit at Grade Level
Carpenter	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: http://www.curriculum.gov.sk.ca/#</p> <p>Individuals not meeting the entrance requirements will be subject to an assessment and any required training</p>		

CARPENTER TASK MATRIX CHART

This chart outlines the major work activities, tasks and sub-tasks from the 2022 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

12%

A-1 Uses and maintains tools and equipment	1.01 Maintains hand, power and pneumatic tools 1	1.02 Maintains stationary tools 1	1.03 Uses powder-actuated tools. 1	1.04 Uses lifting, rigging and hoisting equipment 1	1.05 Uses layout equipment 1, 2
	1.06 Uses tack welding equipment (not common core) 1	1.07 Uses torch cutting equipment (not common core) 1			
A-2 Performs safety-related activities	2.01 Uses personal protective equipment (PPE) and safety equipment 1	2.02 Maintains safe work environment 1			
A-3 Builds and uses temporary access structures	3.01 Uses stationary access equipment 1, In Context in 2,3,4	3.02 Uses mobile access equipment 1, In Context in 2,3,4	3.03 Erects/dismantles scaffolding 1, In Context in 2,3,4	3.04 Modifies scaffolding 1, In Context in 2,3,4	
A-4 Uses communication and mentoring techniques	4.01 Uses communication techniques 1	4.02 Uses mentoring techniques 1			

B – Performs Planning and Layout

14%

B-5 Interprets documentation	5.01 Interprets project drawings	5.02 Interprets specifications	5.03 Interprets safety documentation	5.04 Interprets workplace documentation	
	1, In Context in 2,3,4	1, In Context in 2,3,4	1	1	
B-6 Organizes work	6.01 Schedules work sequence	6.02 Performs site preparation	6.03 Performs quantity take off	6.04 Organizes materials	
	1	1	1	1	
B-7 Performs layout	7.01 Performs site layout	7.02 Lays out concrete formwork	7.03 Lays out floors	7.04 Lays out decks	7.05 Lays out walls
	1	1,3	1	1	2
	7.06 Lays out ceilings	7.07 Lays out roofs	7.08 Lays out stairs	7.09 Lays out balustrades	
	2,3	2,3,4	2,3,4	3, 4	

C – Performs Concrete Work

16%

C-8 Constructs formwork	8.01 Erects excavation shoring and underpinning	8.02 Erects concrete falsework	8.03 Constructs footing forms	8.04 Constructs wall and grade beam formwork	8.05 Constructs slab on-grade formwork
	3	3	1	1	1
	8.06 Constructs column formwork	8.07 Constructs stair formwork	8.08 Installs embedded reinforcements	8.09 Dismantles formwork	
	3	3	3	1	

C-9 Installs concrete, cement-based and epoxy products	9.01 Places concrete	9.02 Facilitates curing of concrete	9.03 Performs basic concrete finishing	9.04 Installs pre-case components	9.05 Installs grout
	1	1	1	3	3

D – Performs Framing

20%

D-10 Constructs floor systems	10.01 Installs engineered floor systems	10.02 Constructs dimensional lumber floor framing
	1	1
D-11 Constructs deck systems	11.01 Constructs decks	11.02 Installs deck components
	1	1
D-12 Constructs wall systems	12.01 Installs engineered wall systems	12.02 Constructs dimensional lumber wall framing
	2	2
D-13 Constructs roof and ceiling systems	13.01 Installs engineered trusses	13.02 Constructs roof and ceiling framing
	2,3,4	2,3,4

E – Performs Exterior Finishing

14%

E-14 Installs exterior doors and windows	14.01 Installs exterior jambs/frames 2	14.02 Installs exterior doors 2	14.03 Installs exterior windows 2	14.04 Installs exterior door and window hardware 2
E-15 Installs roofing	15.01 Installs roofing components 2	15.02 Installs roof coverings 2		
E-16 Installs exterior finishes	16.01 Installs exterior wall components 2	16.02 Installs exterior wall coverings 2		

F – Performs Interior Finishing

14%

F-17 Applies wall and ceiling finishes	17.01 Installs wallboard 3	17.02 Applies compound to wall and ceilings 3	17.03 Installs panels, tiles and solid wood finishes 3,4	17.04 Installs suspended ceiling 3	17.05 Installs demountable wall systems 3
F-18 Installs flooring	18.01 Installs underlayment 4	18.02 Installs floor coverings 4	18.03 Installs access flooring 4		
F-19 Installs interior doors and windows	19.01 Installs interior jambs/frames 3	19.02 Installs interior doors 3	19.03 Installs interior windows 3	19.04 Installs interior door and window hardware 3	

F-20 Constructs and installs finish components and stairs

20.01 Fabricates finish components

3

20.02 Installs finish components and accessories

3

20.03 Constructs stairs

2,3,4

G – Performs Renovations

10%

G-21 Performs renovation-specific support activities

21.01 Removes existing material

4

21.02 Protects structure during renovations

4

G-22 Performs renovation-specific construction activities

22.01 Joins new to existing construction

4

22.02 Changes existing structure during renovations

4

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
Safety Awareness	SFTY 101	18
Tools	EQPT 100	42
Scaffolds and Rigging	SCAF 100	15
Construction Documents	BPRT 100	15
Site Layout	CNST 102	30
Concrete	CONC 100	15
Introduction to Framing	FRMG 103	24
Foundations	FDNT 100	45
Building Materials	MATE 101	12
Occupational Skills	REKN 102	24
		240

Level Two	Transcript Code	Hours
Construction Documents	BRPT 200	24
Wall Systems	FRMG 201	36
Roof Framing	FRMG 202	36
Roof Coverings	ROOF 200	12
Exterior Windows and Doors	EXFN 201	12
Exterior Finishes and Accessories	EXFN 200	24
Floor Framing	FRMG 204	36
Wood Stairs	STRS 201	30
		210

Level Three	Transcript Code	Hours
Construction Documents	BPRT 300	24
Commercial Formwork	FNDT 300	42
Concrete Stairs	STRS 301	24
Hip Roof Framing	FRMG 300	30
Interior Finish	INFN 300	42
Doors and Hardware	DOOR 300	36
Advanced Site Layout	CNST 301	12
		210

Level Four	Transcript Code	Hours
Construction Documents	BPRT 401	24
Intersecting Roof	FRMG 400	30
Cabinets (Exceeds)	INFN 401	42
Wood Stairs	STRS 401	36
Interior Finish Components	INFN 402	12
Renovation	RENO 400	12
Advanced Occupational Skills and Project	PROJ 402	18
Building Envelope	INSL 400	24
Carpenter Review (Exceeds)	REV 400	42
		240

TECHNICAL TRAINING COURSE CONTENT

This chart outlines the model for Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) technical training sequencing. For the harmonized level of training, a cross reference to the Red Seal Occupational Standard (RSOS) apprenticeship technical training sequencing, at the learning outcome level, is provided.

Sub-tasks listed are the minimum to be covered in a topic. Related sub-tasks not listed may be used as a reference and taught “in context” in other topics.

Level One	8 weeks	240 hours
Safety Awareness <ul style="list-style-type: none"> • identify Occupational Health and Safety regulations • select personal protective equipment • identify fall protection • identify unsafe working environments • practice hazard identification and control • identify Workplace Hazardous Material Information System (WHMIS) 2015 RSOS topics covered in this section of training: <p>A-2 Performs safety-related activities A-2.01 Uses personal protective equipment and safety equipment A-2.02 Maintains safe work environment</p> <p>B-5 Interprets documentation 5.03 Interprets safety documentation</p>		18 hours
Tools <ul style="list-style-type: none"> • use measuring, layout, and testing tools • use cutting and boring hand tools • use fastening and dismantling hand tools • identify electrical systems for portable power tools • use portable power tools • identify the compressed air supply system • use stationary power tools and equipment • use powder actuated tools RSOS topics covered in this section of training: <p>A-1 Uses and maintains tools and equipment A-1.01 Maintains hand, power and pneumatic tools A-1.02 Uses stationary tools A-1.03 Uses powder actuated tools A-1.05 Uses layout instruments and equipment</p>		42 hours
Scaffolds and Rigging <ul style="list-style-type: none"> • describe the safe use of ladders and ramps • describe the erection, maintenance, and dismantling of wood and metal access scaffolds • identify basic rigging operations 		15 hours

RSOS subtasks covered in this section of training:

A-1 Uses and maintains tools and equipment

A-1.04 Uses lifting, rigging and hoisting equipment

A-3 Builds and uses temporary access structures

A-3.01 Uses stationary access equipment

A-3.02 Uses mobile access equipment

A-3.03 Erects/dismantles scaffolding

A-3.04 Modifies scaffolding

Construction Documents

15 hours

- identify construction document standards
- Interpret elevation drawings and floor plans
- interpret site plans, zoning and permits
- interpret footing and foundation plans

RSOS subtasks covered in this section of training:

B-5 Interprets documentation

B-5.03 Interprets safety documentation

B-5.04 Interprets workplace documentation

Site Layout

30 hours

- identify types of builders' levels.
- calculate elevations using a builder's level
- establish elevations with a builder's level
- describe the procedures for performing a site investigation
- layout a building with hand tools
- establish elevations with a laser level

RSOS subtasks covered in this section of training:

A-1 Uses and maintains tools and equipment

A-1.05 Uses layout instruments and equipment

B-7 Performs Layout

B-7.01 Performs site layout

Concrete

15 hours

- describe concrete mixes and admixtures
- perform a slump test
- perform placement, finishing and curing of concrete
- Describe concrete maintenance repair

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.02 Lays out concrete framework

C-8 Constructs formwork

C-8.03 Constructs footing forms

C-8.04 Constructs wall and grade beam framework

C-8.05 Constructs slab framework

C-8.08 Installs embedded reinforcements

C-8.09 Dismantles formwork

Introduction to Framing

24 hours

- identify types of frame construction
- identify floor framing systems
- identify wall framing systems
- identify roof framing systems
- interpret code requirements for frame construction
- perform basic layouts for framing in building construction

RSOS subtasks covered in this section of training:

D-10 Constructs floor systems

D-10.01 Installs engineered floor systems

D-10.02 Constructs dimensional lumber floor framing

D-11 Constructs deck systems

D-11.01 Constructs deck

D-11.02 Installs deck components

Foundations

45 hours

- construct formwork for footings
- construct grade beam formwork and pilings
- construct formwork for foundation walls
- identify requirements for foundation moisture control
- construct formwork for slabs-on-grade
- identify concrete reinforcement
- identify procedures for constructing permanent wood foundations
- prepare a quantity takeoff for foundations

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.02 Lays out concrete framework

C-Constructs Formwork

C-8.03 Constructs footing forms

C-8.04 Constructs wall and grade beam formwork

C-8.05 Constructs slab on grade formwork

C-8.08 Installs embedded reinforcements

C-8.09 Dismantles formwork

C-9 Installs concrete, cement-based and epoxy products

C-9.01 Places concrete

C-9.02 Facilitates the curing of concrete

C-9.03 Performs basic concrete finishing

Building Materials

12 hours

- identify types of wood and lumber used in the construction industry
- identify types of engineered panels and products used in the construction industry
- identify fasteners, anchors, and metals used in the construction industry

RSOS subtasks covered in this section of training:

A-1 Uses and maintains tools and equipment

A-1.01 Uses hand, power and pneumatic tools

A-1.02 Uses stationary tools

A-1.05 Uses layout instruments and equipment

Occupational Skills

24 hours

- perform basic trade calculations
- identify building codes and standards
- identify the Red Seal Occupational Standard (RSOS) for the carpenter trade
- describe effective communication techniques

RSOS subtasks covered in this section of training:

A-4 Uses communication and mentoring techniques

A-4.01 Uses communication techniques

Level Two

7 weeks

210 hours

Construction Documents

24 hours

- review construction document standards
- interpret floor framing information
- interpret wall framing information
- interpret roof framing information
- interpret exterior finishing information

RSOS subtasks covered in this section of training:

B-5 Interprets documentation

B-5.01 Interprets project drawings

B-5.02 Interprets specifications

B-5.03 Interprets safety documentation

B-5.04 Interprets workplace documentation

Wall Systems

36 hours

- construct exterior wall framing
- construct interior wall framing
- identify engineered wall systems
- identify structural timber construction
- prepare a quantity takeoff for wall systems

RSOS subtasks covered in this section of training:

B-5 Interprets documentation

B-5.01 Interprets project drawings

B-5.02 Interprets specifications

B-5.03 Interprets safety documentation

B-5.04 Interprets workplace documentation

B-7 Performs layout

B-7.05 Lays out wall systems

D-12 Constructs wall systems

12.01 Installs engineered wall systems

12.02 Constructs dimensional lumber wall framing

Roof Framing

36 hours

- identify the various types of roofs and roof terminology
- construct conventional gable and shed roofs
- assemble engineered gable roof trusses and install sheathing
- calculate gable roofs using metric measurements

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.06 Lays out ceiling systems

B-7.07 Lays out roof systems

D-13 Constructs roof and ceiling systems

D-13.01 Installs engineered trusses

D-13.02 Constructs roof and ceiling framing

Roof Coverings

12 hours

- identify roof covering materials
- install roof coverings
- prepare a quantity takeoff for roof coverings

RSOS subtasks covered in this section of training:

E-15 Installs roofing

E-15.01 Installs roofing components

E-15.02 Installs roofing coverings

Exterior Windows and Doors

12 hours

- install exterior windows
- install exterior doors

RSOS subtasks covered in this section of training:

E-14 Installs exterior doors and windows

E-14.01 Installs exterior jambs/frames

E-14.02 Installs exterior doors

E-14.03 Installs exterior windows

E-14.05 Installs exterior door and window hardware

Exterior Finishes and Accessories

24 hours

- identify types of cornices
- construct cornices
- identify exterior wall coverings
- install exterior wall coverings
- prepare a quantity takeoff for exterior finishes

RSOS subtasks covered in this section of training:

E-16 Installs exterior finishes

E-16.01 Installs exterior wall components

E-16.02 Installs exterior wall coverings

Floor Framing

36 hours

- design Beams and Supports
- construct Dimensional Lumber Floors
- identify the Requirements for Stairwell Openings
- construct Engineered Floor System
- identify Floor Sheathing and Installation Procedures
- identify Deck Systems
- prepare a Quantity Takeoff for Floor Framing

RSOS subtasks covered in this section of training:

B-5 Interprets documentation

B-5.01 Interprets project drawings

B-5.02 Interprets specifications

B-5.03 Interprets safety documentation
B-5.04 Interprets workplace documentation

D-10 Constructs floor systems

D-10.01 Installs engineered floor systems
D-10.02 Constructs dimensional lumber floor framing

Wood Stairs

30 hours

- identify terminology and components used in stair construction
- determine code requirements for stairs and landings
- perform mathematical calculations for stairs
- Construct wood stairs
- Calculate dimensions for straight stairwell openings

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.03 Lays out stairs

F-20 Constructs and installs finish components and stairs

F-20.03 Constructs stairs

Level Two topics from the RSOS that are taught in context:

A-1 Tools and Equipment

B-5 Documentation

For details regarding the In Context Topic, see page 22

Level Three

7 weeks

210 hours

Construction Documents

24 hours

- review construction document standards
- interpret interior finish drawings
- interpret institutional, commercial and industrial (ICI) drawings

RSOS subtasks covered in this section of training:

B-5 Interprets documentation

B-5.01 Interprets project drawings

B-5.02 Interprets specifications

Commercial Formwork

42 hours

- construct formwork for columns and piers
- construct slab and beam formwork
- describe wall formwork for commercial construction
- prepare a quantity takeoff for industrial, commercial, and institutional (ICI) projects

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.02 Lays out concrete formwork

C-8 Constructs formwork

C-8.01 Erects excavation shoring and underpinning

C-8.02 Erects concrete falsework

C-8.06 Constructs column formwork

C-8.08 Installs embedded steel

C-9 Installs concrete, cement-based and epoxy products

C-9.04 Installs pre-cast components

C-9.05 Installs grout

Concrete Stairs

24 hours

- identify types of concrete stairs and code requirements.
- construct formwork for concrete stairs

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.03 Lays out stairs

C-8 Constructs formwork

C-8.07 Constructs stair formwork

F-20 Constructs and installs finish components and stairs

F-20.03 Constructs stairs

Hip Roof Framing

30 hours

- construct conventional hip roofs
- assemble engineered hip roof trusses and install sheathing
- calculate hip roofs using metric measurements

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RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.07 Lays out roof systems

D-13 Constructs roof and ceiling systems

D-13.01 Installs engineered trusses

D-13.02 Constructs roof and ceiling framing

Interior Finish

42 hours

- identify interior wall systems
- install finish components and accessories
- install ceiling finishes
- prepare a quantity takeoff for interior finishes

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.06 Lays out ceiling systems

F-17 Interior Finish

F-17.01 Installs wallboard

F-17.02 Applies compound to walls and ceilings

F-17.03 Installs panels, tiles and solid wood finishes

F-17.04 Installs suspended ceilings

F-17.05 Installs demountable wall systems

F-20 Constructs and installs finish components and stairs

F-20.01 Fabricates finish components

F-20.02 Installs finish components and accessories

Doors and Hardware

36 hours

- install commercial door frames, doors and hardware
- install residential door frames, doors and hardware
- install specialty doors
- prepare a quantity takeoff for doors and hardware

RSOS subtasks covered in this section of training:

F-19 Installs interior doors and windows

F-19.01 - installs interior jambs/frames

F-19.02 - installs interior doors

F-19.03 - installs interior windows

F-19.04 - installs interior door and window hardware

Advanced Site Layout

12 hours

- perform basic transit functions
- layout columns and piers

RSOS subtasks covered in this section of training:

B-7 Performs layout

B-7.01 performs site layout

Level Three topics from the RSOS that are taught in context:

A-1 Tools and Equipment

B-5 Documentation

For details regarding the In Context Topic, see page 22

Level Four	8 weeks	240 hours
Construction Documents <ul style="list-style-type: none"> • review construction document standards • interpret mechanical and electrical plans • interpret building envelope information • interpret specifications and contracts 		24 hours
RSOS subtasks covered in this section of training:		
B-6 Organizes work B-6.01 Schedules work sequence B-6.02 Performs site preparation B-6.04 Organizes materials		
Intersecting Roof <ul style="list-style-type: none"> • construct an intersecting roof (imperial) • calculate an intersecting roof (metric) 		30 hours
RSOS subtasks covered in this section of training:		
B-7 Performs layouts B-7.07 Lays out roof systems		
D-13 Constructs roof and ceiling systems D-13.01 Installs engineered trusses D-13.02 Constructs roof and ceiling framing		
Cabinets (Exceeds) <ul style="list-style-type: none"> • materials, terminology and design considerations used in the construction of cabinets • wall cabinets • base cabinets • plastic laminate counter tops 		42 hours
This section of training exceeds the minimum sequencing as set out by the Carpenter RSOS.		
Wood stairs <ul style="list-style-type: none"> • construct stairs and balustrades • calculate stairwell openings • calculate winders and geometrical stairs 		36 hours
RSOS subtasks covered in this section of training:		
B-7 Performs layouts B-7.03 Lays out stairs		
F-20 Constructs and installs finish components and stairs F-20.03 Constructs stairs		

Interior Finish Components

12 hours

- describe installation procedures for flooring
- describe installation procedures for paneling

RSOS subtasks covered in this section of training:

F-17 Applies wall and ceiling finishes

F-17.01 Installs wallboard

F-17.02 Applies compound to walls and ceilings

F-17.03 Installs panels, tiles and solid wood finishes

F-17.05 Installs demountable wall systems

F-18 Installs flooring

F-18.01 Installs underlayment

F-18.02 installs floor covering

F-18.03 Installs access flooring

F-20 Constructs and installs finish components and stairs

F-20.01 Fabricates finish components

F-20.02 Installs finish components and accessories

Renovations

12 hours

- describe renovation-specific support activities
- describe renovation-specific construction activities

RSOS subtasks covered in this section of training:

G-21 Performs renovation-specific support activities

G-21.01 Removes existing material

G-21.02 Protects structure during renovations

G22 Performs renovations-specific construction activities

G-22.01 Joins new to existing construction

G-22.02 Changes existing structure during renovations

Advanced Occupational Skills and Project Planning

18 hours

- perform a complete quantity takeoff for a residential project.
- organize work.
- use mentoring techniques.

RSOS subtasks covered in this section of training:

A-6 Uses communication and mentoring techniques

A-4 Uses mentoring techniques

B-6 Organizes work

6.01 Schedules work sequence

6.02 Performs site preparation

6.04 Organizes materials

Building Envelope

24 hours

- describe the fundamentals of building science
- describe the procedure to insulate and seal the building envelope

RSOS subtasks covered in this section of training:

E-16 Installs exterior finishes

E-16.01 Installs exterior wall components

E-16.02 Installs exterior wall coverings

Carpenter Review (Exceed)

42 hours

- review common occupational skills
- review planning and layout
- review concrete
- review framing
- review exterior finish
- review interior finish
- review renovations

This section of training exceeds the minimum sequencing as set out by the Carpenter RSOS.

Level four topics from the RSOS that are taught in context:

A-1 Tools and Equipment

B-5 Documentation

For details regarding the In Context Topic, see page 22

In Context Topics

In context means learning that has already taken place and is being applied to the applicable task. Learning outcomes for in context topics are accomplished in other topics in that level.

A-1 Uses tools and equipment

A-3.01 Installs fasteners, adhesives and connectors

B-5 Documentation

B-5.01 Interprets project drawings

B-5.02 Interprets specifications