



NOVA SCOTIA
APPRENTICESHIP
AGENCY

NOVA SCOTIA

PROGRAM OF STUDY

FLOORCOVERING INSTALLER

Based on the Red Seal Occupational Standard

Nova Scotia Apprenticeship Program of Study

Floorcovering Installer

Acknowledgements

The Nova Scotia Apprenticeship Agency (Agency) wishes to acknowledge the contributions of trade advisory committee members, tradespersons, industry establishments, professional associations, labour organizations, training providers, government departments and agencies, and all others who contributed to this publication.

Special thanks are offered to the following representatives who contributed greatly to the original draft of the standard and provided expert advice throughout its development.

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Level Structure

Level 1

Code	Self-directed Learning Modules	Code	Self-directed Learning Modules
FCI-100	Mentoring I	FCI-115	Floor Preparation
FCI-105	Safety	FCI-120	Carpet I
FCI-110	Tools and Equipment	FCI-125	Wood and Laminate Flooring I

Level 2

Code	Self-directed Learning Modules	Code	Self-directed Learning Modules
FCI-200	Layout and Installation	FCI-215	Resilient Flooring
FCI-205	Quality Control Assessment	FCI-220	Carpet II
FCI-210	Transitions, Trim and Wall Bases		

Level 3

Code	Self-directed Learning Modules	Code	Self-directed Learning Modules
FCI-300	Mentoring II	FCI-320	Wood and Laminate Flooring II
FCI-305	Carpet III	FCI-325	Custom Wood and Laminate Flooring
FCI-310	Custom Carpet	FCI-330	Artificial Turf
FCI-315	Custom Resilient Flooring	FCI-335	Program Review

Program Content (Overview)

Level 1

Code	Learning Modules	Learning Outcomes	
FCI-100	Mentoring I	1	Demonstrate knowledge of effective communication practices as a learner.
		2	Demonstrate knowledge of strategies for learning skills in the workplace.
FCI-105	Safety	1	Demonstrate knowledge of personal protective equipment (PPE) and safety equipment, their applications, maintenance and procedures for use.
		2	Demonstrate knowledge of maintaining a safe work environment.
		3	Demonstrate knowledge of regulatory requirements pertaining to safety, PPE and safety equipment.
FCI-110	Tools and Equipment	1	Demonstrate knowledge of hand tools, their applications, maintenance and procedures for use.
		2	Demonstrate knowledge of power and pneumatic tools, their applications, maintenance and procedures for use.
		3	Demonstrate knowledge of measuring and layout tools, their applications, maintenance and procedures for use.
FCI-115	Floor Preparation	1	Demonstrate knowledge of floorcoverings and accessories, their characteristics and applications.

Code	Learning Modules	Learning Outcomes
FCI-120		2 Demonstrate knowledge of procedures to remove existing floorcoverings and accessories.
		3 Demonstrate knowledge of procedures to prepare surfaces (substrate).
		4 Demonstrate knowledge of procedures to install underlayment.
	Carpet I	1 Demonstrate knowledge of carpets, their characteristics and applications.
		2 Demonstrate knowledge of procedures to cut and prepare carpet for installation.
		3 Demonstrate knowledge of procedures to install carpet by double-bond method.
		4 Demonstrate knowledge of procedures to repair carpet installed by double-bond method.
		5 Demonstrate knowledge of procedures to install modular carpet tiles.
		6 Demonstrate knowledge of procedures to complete carpet installation.
FCI-125	Wood and Laminate Flooring I	1 Demonstrate knowledge of wood, laminate and floating vinyl plank flooring, their characteristics and applications.
		2 Demonstrate knowledge of pre-finished solid and engineered hardwood flooring, their characteristics and applications.
		3 Demonstrate knowledge of procedures to fit flooring materials.

Code	Learning Modules	Learning Outcomes
		4 Demonstrate knowledge of procedures to mechanically fasten pre-finished solid and engineered hardwood flooring.
		5 Demonstrate knowledge of procedures to assemble floating floors.

Level 2

Code	Learning Modules	Learning Outcomes
FCI-200	Layout and Installation	1 Demonstrate knowledge of drawings and specifications and their applications.
		2 Demonstrate knowledge of procedures to interpret and extract information from drawings and specifications.
		3 Demonstrate knowledge of basic layout for flooring materials and sequencing procedures.
FCI-205	Quality Control Assessment	1 Demonstrate knowledge of procedures to assess floor and sub-floor conditions and deficiencies.
		2 Demonstrate knowledge of procedures to assess products for deficiencies and defects.
		3 Demonstrate knowledge of procedures to conduct field tests.
FCI-210	Transitions, Trim and Wall Bases	1 Demonstrate knowledge of transitions, trim and wall bases, their characteristics and applications.
		2 Demonstrate knowledge of procedures to install transitions and trim.

Code	Learning Modules	Learning Outcomes			
FCI-215		3	Demonstrate knowledge of procedures to install a resilient wall base.		
		4	Demonstrate knowledge of procedures to install a carpet wall base.		
		5	Demonstrate knowledge of procedures to install a wood wall base.		
	FCI-215	Resilient Flooring	1	Demonstrate knowledge of resilient flooring, their characteristics and applications.	
			2	Demonstrate knowledge of procedures to install resilient tiles.	
			3	Demonstrate knowledge of procedures to install resilient sheet goods.	
			4	Demonstrate knowledge of procedures to cut and seal seams.	
			5	Demonstrate knowledge of procedures to complete resilient flooring installation.	
			6	Demonstrate knowledge of procedures to repair resilient flooring and accessories.	
FCI-220			Carpet II	1	Demonstrate knowledge of procedures to install carpet by conventional method.
				2	Demonstrate knowledge of procedures to repair carpet installed by conventional method.

Level 3

Code	Learning Modules	Learning Outcomes	
FCI-300	Mentoring II	1	Demonstrate knowledge of effective communication practices as a mentor.
		2	Demonstrate knowledge of strategies for teaching workplace skills.
FCI-305	Carpet III	1	Demonstrate knowledge of procedures to install carpet by direct glue-down method.
		2	Demonstrate knowledge of procedures to repair carpet installed by direct glue-down method.
FCI-310	Custom Carpet	1	Demonstrate knowledge of procedures to install carpet borders and insets.
		2	Demonstrate knowledge of procedures to bind carpet.
		3	Demonstrate knowledge of procedures to upholster with carpet.
		4	Demonstrate knowledge of procedures to assemble area rugs and runners.
		5	Demonstrate knowledge of procedures to install carpet and runners on stairs.
FCI-315	Custom Resilient Flooring	1	Demonstrate knowledge of procedures to perform coving operations.
		2	Demonstrate knowledge of procedures to install tread, riser and stringer materials.
		3	Demonstrate knowledge of procedures to install resilient flooring on stairs.

Code	Learning Modules	Learning Outcomes	
FCI-320	Wood and Laminate Flooring II	4	Demonstrate knowledge of procedures to install resilient flooring insets, borders and feature strips.
		5	Demonstrate knowledge of procedures to install specialty wall covering products.
		1	Demonstrate knowledge of procedures to install pre-finished solid and engineered hardwood flooring by glue down method.
		2	Demonstrate knowledge of procedures to repair boards.
		3	Demonstrate knowledge of procedures to replace boards and accessories.
FCI-325	Custom Wood and Laminate Flooring	4	Demonstrate knowledge of procedures to refinish hardwood.
		1	Demonstrate knowledge of procedure to install borders, insets and custom fabrications in wood.
		2	Demonstrate knowledge of procedures to install wood and laminate flooring on stairs.
FCI-330	Artificial Turf	1	Demonstrate knowledge of artificial turf, their characteristics and applications.
		2	Demonstrate knowledge of procedures to establish layout and grid lines for artificial turf.
		3	Demonstrate knowledge of procedure to assemble artificial turf sections.

Code	Learning Modules	Learning Outcomes	
FCI-335		4	Demonstrate knowledge of procedure to complete artificial turf installation.
		5	Demonstrate knowledge of procedure to repair artificial turf.
	Program Review	1	Demonstrate knowledge of the Occupational Standard and its relationship to the Red Seal Exam.
		2	Demonstrate knowledge of overall comprehension of the trade in preparation for the Red Seal Exam.

2023 Occupational Standard Sub-task to Learning Module Comparison

Sub-task		Learning Modules	
Task A-1 – Performs safety-related functions			
A-1.01	Uses personal protective equipment (PPE) and safety equipment	FCI-105	Safety
A-1.02	Maintains safe work environment	FCI-105	Safety
Task A-2 – Uses and maintains tools and equipment			
A-2.01	Uses hand tools	FCI-110	Tools and Equipment
A-2.02	Uses power and pneumatic tools	FCI-110	Tools and Equipment
A-2.03	Uses measuring and layout tools	FCI-110	Tools and Equipment
Task A-3 – Assesses floor and jobsite conditions			
A-3.01	Performs quality control	FCI-205	Quality Control Assessment
A-3.02	Assesses floor and sub-floor conditions and deficiencies	FCI-205	Quality Control Assessment
A-3.03	Conducts field tests	FCI-205	Quality Control Assessment
Task A-4 – Organizes work			
A-4.01	Plans sequence of installation	N/A	Integrated throughout
		FCI-200	Layout and Installation
A-4.02	Handles material	FCI-105	Safety
A-4.03	Determines layouts and materials needed for job	FCI-200	Layout and Installation
A-4.04	Uses documentation	FCI-105	Safety
		FCI-200	Layout and Installation
Task A-5 – Installs transitions, trims and wall bases			
A-5.01	Installs transitions and trims	FCI-210	Transitions, Trim and Wall Bases
A-5.02	Installs resilient wall base	FCI-210	Transitions, Trim and Wall Bases
A-5.03	Installs carpet wall base	FCI-210	Transitions, Trim and Wall Bases
A-5.04	Installs wood wall base	FCI-210	Transitions, Trim and Wall Bases
Task A-6 – Communication Techniques			
A-6.01	Uses communication techniques	FCI-100	Mentoring I
		FCI-300	Mentoring II
A-6.02	Uses mentoring techniques	FCI-100	Mentoring I
		FCI-300	Mentoring II

Sub-task		Learning Modules	
Task B-1 – Removes existing floorcovering and accessories			
B-7.01	Removes transitions, trims and wall bases	FCI-115	Floor Preparation
B-7.02	Removes carpet	FCI-115	Floor Preparation
B-7.03	Removes resilient flooring	FCI-115	Floor Preparation
B-7.04	Removes wood, laminate flooring, tiles and underlayment	FCI-115	Floor Preparation
Task B-8 – Prepares substrate			
B-8.01	Removes contaminants	FCI-115	Floor Preparation
B-8.02	Prepares concrete floors and underlayment	FCI-115	Floor Preparation
B-8.03	Prepares wood floors and underlayment	FCI-115	Floor Preparation
B-8.04	Prepares specialty floors	FCI-115	Floor Preparation
B-8.05	Installs trowelled underlayment	FCI-115	Floor Preparation
B-8.06	Installs rigid underlayment panels	FCI-115	Floor Preparation
Task C-9 – Installs carpet			
C-9.01	Cuts carpet for installation	FCI-120	Carpet I
C-9.02	Installs carpet by conventional method	FCI-120	Carpet I (introduce types of carpet)
		FCI-220	Carpet II
C-9.03	Install carpets by direct glue-down method	FCI-120	Carpet I (introduce types of carpet)
		FCI-305	Carpet III
C-9.04	Installs carpet by double-bond method	FCI-120	Carpet I
C-9.05	Installs modular carpet tiles	FCI-120	Carpet I
C-9.06	Completes carpet installation	FCI-120	Carpet I
Task C-10 – Performs custom carpet procedures			
C-10.01	Installs carpet borders and insets	FCI-310	Custom Carpet
C-10.02	Binds carpet	FCI-310	Custom Carpet
C-10.03	Upholsters with carpet	FCI-310	Custom Carpet
C-10.04	Assembles area rugs and runners	FCI-310	Custom Carpet
C-10.05	Installs carpet and runners on stairs	FCI-310	Custom Carpet
Task C-11 – Installs artificial Turf			
C-11.01	Establishes layout and grid lines for artificial turf.	FCI-330	Artificial Turf

Sub-task		Learning Modules	
C-11.02	Assembles artificial turf sections	FCI-330	Artificial Turf
C-11.03	Completes artificial turf installation	FCI-330	Artificial Turf
Task C-12 – Services carpet installation			
C-12.01	Repairs carpet installed by conventional method	FCI-220	Carpet II
C-12.02	Repairs carpet installed by direct glue-down method	FCI-305	Carpet III
C-12.03	Repairs carpet installed by double-bond method	FCI-120	Carpet I
C-12.04	Repairs artificial turf	FCI-330	Artificial Turf
Task D-13 – Installs resilient flooring			
D-13.01	Establishes layout and grid lines	FCI-200	Layout and Installation
D-13.02	Installs resilient tiles	FCI-215	Resilient Flooring
D-13.03	Installs resilient sheet goods	FCI-215	Resilient Flooring
D-13.04	Cuts seams to fit	FCI-215	Resilient Flooring
D-13.05	Seals seams chemically	FCI-215	Resilient Flooring
D-13.06	Heat welds seams	FCI-215	Resilient Flooring
D-13.07	Completes resilient flooring installation	FCI-215	Resilient Flooring
Task D-14 – Performs custom resilient flooring procedures			
D-14.01	Performs coving operations	FCI-315	Custom Resilient Flooring
D-14.02	Installs tread, riser and stringer materials	FCI-315	Custom Resilient Flooring
D-14.03	Installs resilient flooring on stairs	FCI-315	Custom Resilient Flooring
D-14.04	Installs insets, borders and feature strips	FCI-315	Custom Resilient Flooring
D-14.05	Installs specialty wall covering products	FCI-315	Custom Resilient Flooring
Task D-15 – Services resilient flooring installations			
D-15.01	Performs resilient flooring repairs	FCI-215	Resilient Flooring
D-15.02	Repairs accessories	FCI-215	Resilient Flooring
Task E-16 – Install pre-finished solid, engineered, laminate and floating vinyl plank flooring			
E-16.01	Undercuts jambs and trims	FCI-125	Wood and Laminate Flooring I
E-16.02	Installs vapour barriers and underlayment cushion	FCI-125	Wood and Laminate Flooring I
E-16.03	Establishes layout	FCI-125	Wood and Laminate Flooring I
		FCI-200	Layout and Installation

Sub-task		Learning Modules	
E-16.04	Fits materials	FCI-125	Wood and Laminate Flooring I
E-16.05	Mechanically fastens pre-finished solid and engineered hardwood flooring	FCI-125	Wood and Laminate Flooring I
E-16.06	Glues down solid and engineered hardwood flooring	FCI-320	Wood and Laminate Flooring II
E-16.07	Assembles floating floors	FCI-125	Wood and Laminate Flooring I
Task E-17 – Installs custom wood and laminate flooring			
E-17.01	Installs borders, insets and custom fabrications in wood	FCI-325	Custom Wood and Laminate Flooring
E-17.02	Installs wood and laminate flooring on stairs	FCI-325	Custom Wood and Laminate Flooring
Task E-18 – Services pre-finished solid, engineered, laminate and floating vinyl plank flooring			
E-18.01	Repairs boards	FCI-320	Wood and Laminate Flooring II
E-18.02	Replaces boards and accessories	FCI-320	Wood and Laminate Flooring II
E-18.03	Refinishes hardwood flooring	FCI-320	Wood and Laminate Flooring II