



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

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## Level Structure

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### 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)

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### 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 glue-down method.
		4	Demonstrate knowledge of procedures to repair carpet installed by double glue-down 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.



Code	Learning Modules	Learning Outcomes
		3 Demonstrate knowledge of procedures to fit flooring materials.
		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.

Code	Learning Modules	Learning Outcomes	
FCI-215		2	Demonstrate knowledge of procedures to install transitions and trim.
		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.
	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.

Code	Learning Modules	Learning Outcomes	
FCI-320		3	Demonstrate knowledge of procedures to install resilient flooring on stairs.
		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.
	Wood and Laminate Flooring II	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.
		4	Demonstrate knowledge of procedures to refinish hardwood.
FCI-325	Custom Wood and Laminate Flooring	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.

Code	Learning Modules	Learning Outcomes	
FCI-335		3	Demonstrate knowledge of procedure to assemble artificial turf sections.
		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 – Uses communication and mentoring 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-7 – 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 carpet by direct glue-down method	FCI-120	Carpet I (introduce types of carpet)
		FCI-305	Carpet III
C-9.04	Installs carpet by double glue-down 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 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
<b>Task C-12 – Repairs carpet</b>			
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 glue-down method	FCI-120	Carpet I
C-12.04	Repairs artificial turf	FCI-330	Artificial Turf
<b>Task D-13 – Installs resilient flooring</b>			
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
<b>Task D-14 – Performs custom resilient flooring procedures</b>			
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
<b>Task D-15 – Repairs resilient flooring and accessories</b>			
D-15.01	Repairs resilient flooring	FCI-215	Resilient Flooring
D-15.02	Repairs accessories	FCI-215	Resilient Flooring
<b>Task E-16 – Install pre-finished solid, engineered, laminate and floating vinyl plank flooring</b>			
E-16.01	Undercuts jambs and trims	FCI-125	Wood and Laminate Flooring I
E-16.02	Installs vapour retarders 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
<b>Task E-17 – Installs custom wood and laminate flooring</b>			
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
<b>Task E-18 – Services pre-finished solid, engineered, laminate and floating vinyl plank flooring</b>			
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