



9190  
INTERIOR/EXTERIOR  
FINISHING (11C)

30S/30E/30M

A Carpentry Course



# 9190 INTERIOR/EXTERIOR FINISHING (11C) 30S/30E/30M

## Course Description

In this course, students will learn basic installation techniques for interior and/or exterior finishes. It includes many of the objectives found in *Carpenter Level 1*, Unit A7: Non-wood Products, from Apprenticeship Manitoba.

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**Goal 1:** Describe and apply appropriate **health and safety** practices.

**GLO 1.1:** Describe and apply appropriate **health and safety** practices.

SLO 11C.1.1.1 Demonstrate an understanding of and adherence to health and safety practices.

SLO 11C.1.1.2 Identify personal protective equipment (PPE) and procedures. (A2.2)

- employer and employee responsibilities as related to personal protective equipment
- standards: CSA, ANSI (U.S.A. standards), etc.
- work protective clothing and danger if it fits poorly
- gloves—importance of proper glove selection (when handling chemicals, cold items, slivers, etc.)
- headwear—appropriate protective headwear when required and the approved type of headwear
- eye protection—comparison and distinction of everyday eyeglasses, industrial safety glasses, and safety goggles
- foot protection—when required according to safety standards
- hearing protection
  - hazards of various noise levels (hearing protection must be worn)
  - laws
  - types of hearing protection
- respiratory protection—types, overview of proper selection

- fall protection—Manitoba requirements standards guidelines
    - CSA
    - ANSI (U.S.A. standards), etc.
  - ladders and scaffolding
  - safety principles for working with or around industrial trucks site-specific (forklifts, pallet trucks, etc.)
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**GLO 1.2:** Demonstrate knowledge of the ***Trade Safety Awareness Manual.***

No applicable SLOs.

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**Goal 2:** Demonstrate the identification, installation, and management of **materials.**

**GLO 2.1:** Demonstrate the identification, installation, and management of **materials.**

- SLO 11C.2.1.1 Define terminology associated with non-wood products. (A7.1)
  - SLO 11C.2.1.2 Identify hazards and describe safe work practices pertaining to handling non-wood products. (A7.2)
  - SLO 11C.2.1.3 Interpret codes, regulations, and information found on drawings and specifications pertaining to non-wood products. (A7.3)
  - SLO 11C.2.1.4 Identify tools and equipment used with non-wood products, and describe their applications and procedures for use. (A7.4)
  - SLO 11C.2.1.5 Identify types of non-wood products, and describe their characteristics and applications. (A7.5)
    - composite
    - metal
    - plastic
    - glass
    - foam
    - ceramic
    - cementitious board
    - masonry
    - gypsum
  - SLO 11C.2.1.6 Describe the procedures used to select, handle, and store non-wood products. (A7.6)
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**Goal 3:** Demonstrate the identification, use, and management of **tools, equipment, fasteners, and adhesives.**

**GLO 3.1:** Demonstrate the identification, use, and management of **tools and equipment.**

SLO 11C.3.1.1 Identify hazards and describe safe work practices pertaining to tools and equipment. (A3.2)

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**GLO 3.2:** Demonstrate the identification, use, and management of **fasteners and adhesives.**

SLO 11C.3.2.1 Demonstrate the identification, use, and management of fasteners and adhesives.

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**Goal 4:** Demonstrate the basic **skills** of carpentry.

**GLO 4.1:** Demonstrate the skills related to **project drawings and specifications.**

No applicable SLOs.

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**GLO 4.2:** Demonstrate the carpentry skills related to **layout, measurement, and assembly.**

SLO 11C.4.2.1 Demonstrate the skills required to lay out projects.

SLO 11C.4.2.2 Demonstrate the layout, measurement, and assembly skills required to install interior/exterior finishing products.

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**GLO 4.3:** Demonstrate the ability to determine **elevations** and lay out **building lines.**

No applicable SLOs.

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**GLO 4.4:** Demonstrate the knowledge and skills associated with **concrete foundations.**

No applicable SLOs.

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**Goal 5:** Follow the **ethical and legal standards** that pertain to carpentry.

**GLO 5.1:** Demonstrate an awareness of the **ethical and legal expectations** of carpenters.

SLO 11C.5.1.1 Demonstrate an awareness of the existence of building codes and other local regulations related to interior/exterior finishing.

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**Goal 6:** Demonstrate **employability skills**.

**GLO 6.1:** Demonstrate **employability skills**.

- SLO 11C.6.1.1 Demonstrate regular attendance and punctuality.
  - SLO 11C.6.1.2 Demonstrate accountability by taking responsibility for own actions.
  - SLO 11C.6.1.3 Demonstrate adaptability and effort.
  - SLO 11C.6.1.4 Demonstrate the ability to accept and follow direction and feedback.
  - SLO 11C.6.1.5 Demonstrate teamwork skills.
  - SLO 11C.6.1.6 Demonstrate the ability to stay on task and effectively use time.
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**GLO 6.2:** Demonstrate **critical thinking** skills.

- SLO 11C.6.2.1 Demonstrate problem-solving skills.
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**GLO 6.3:** Demonstrate respectful interactions with individuals of different **cultures**.

- SLO 11C.6.3.1 Demonstrate an awareness of culture in the workplace.
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**Goal 7:** Demonstrate an awareness of **sustainability** as it pertains to carpentry.

**GLO 7.1:** Describe the impact of the construction industry on **human sustainability** and the health and well-being of carpenters.

No applicable SLOs.

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**GLO 7.2:** Describe the construction industry's **sustainability practices** and impact on the environment.

- SLO 11C.7.2.1 Demonstrate the efficient use of materials.
  - SLO 11C.7.2.2 Demonstrate the ability to reuse materials.
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**Goal 8:** Demonstrate an understanding of the **structure and scope** of carpentry.

**GLO 8.1:** Describe the **scope of** carpentry.

- SLO 11C.8.1.1 Demonstrate an awareness of the scope of interior and exterior finishing.
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**GLO 8.2:** Describe **apprenticeship, post-secondary education, and employment opportunities.**

No applicable SLOs.

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**Goal 9:** Demonstrate an understanding of the **evolution** of carpentry, including its **technological progression and emerging trends.**

**GLO 9.1:** Demonstrate an understanding of the **evolution** of carpentry, including its **technological progression and emerging trends.**

SLO 11C.9.1.1 Demonstrate an awareness of the evolution, technological progression, and emerging trends in interior and exterior finishing.

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