



8584

INTRODUCTION TO CARPENTRY
(9)

15S/15E/15M

10S/10E/10M

A Carpentry Course

8584 INTRODUCTION TO CARPENTRY (9)

15S/15E/15M 10S/10E/10M

Course Description

This optional course allows students to explore carpentry. It can be offered as either a half- or full-credit course.

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

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

SLO 9.1.1.1 Demonstrate an understanding of and adherence to health and safety practices.

GLO 1.2: Demonstrate knowledge of the ***Trade Safety Awareness Manual***.

No applicable SLOs.

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

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

SLO 9.2.1.1 Identify hazards and describe safe work practices pertaining to handling wood and wood products. (A6.2)

SLO 9.2.1.2 Identify hazards and describe safe work practices pertaining to handling non-wood products. (A7.2)

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 9.3.1.1 Identify hazards and describe safe work practices pertaining to tools and equipment. (A3.2)

SLO 9.3.1.2 Define terminology associated with tools and equipment. (A3.1)

SLO 9.3.1.3 Identify tools and equipment.

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

SLO 9.3.2.1 Identify fasteners and adhesives.

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

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

SLO 9.4.1.1 Demonstrate an awareness of project drawings.

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

SLO 9.4.2.1 Transfer information from drawings to projects.

SLO 9.4.2.2 Demonstrate the skills required to measure accurately.

SLO 9.4.2.3 Demonstrate the skills required to prepare and assemble a project.

SLO 9.4.2.4 Perform basic operations. (B1.1)

- addition
- subtraction
- multiplication
- division

SLO 9.4.2.5 Perform linear measurement. (B1.2)

- imperial/metric
 - perimeter (rectangles, squares, circles)
-

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

No applicable SLOs.

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

No applicable SLOs.

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.

No applicable SLOs.

Goal 6: Demonstrate **employability skills**.

GLO 6.1: Demonstrate **employability skills**.

- SLO 9.6.1.1 Demonstrate regular attendance and punctuality.
 - SLO 9.6.1.2 Demonstrate accountability by taking responsibility for own actions.
 - SLO 9.6.1.3 Demonstrate adaptability and effort.
 - SLO 9.6.1.4 Demonstrate the ability to accept and follow direction and feedback.
 - SLO 9.6.1.5 Demonstrate teamwork skills.
 - SLO 9.6.1.6 Demonstrate the ability to stay on task and effectively use time.
-

GLO 6.2: Demonstrate **critical thinking** skills.

- SLO 9.6.2.1 Demonstrate problem-solving skills.
-

GLO 6.3: Demonstrate respectful interactions with individuals of different **cultures**.

No applicable SLOs.

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.

- SLO 9.7.1.1 Discuss sustainability as it relates to human health and well-being.
-

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

- SLO 9.7.2.1 Demonstrate an awareness of wood and wood products as limited resources.
-

Goal 8: Demonstrate an understanding of the **structure and scope** of carpentry.

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

No applicable SLOs.

GLO 8.2: Describe **apprenticeship, post-secondary education, and employment opportunities**.

No applicable SLOs.

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**.

No applicable SLOs.
