

# **Carpentry Millwork 40S**

*In this course, students will be introduced to the knowledge, skills, and attitudes related to the manufacturing and installation of millwork.*

## **Safety:**

- 1) Demonstrate an understanding of and adherence to health and safety practices

## **Terminology and Skills:**

- 2) Demonstrate the identification, installation, and management of materials
- 3) Demonstrate the Identification, use, and management of tools, equipment, and hardware used in millwork
- 4) Demonstrate the identification, use, and management of fasteners and adhesives
- 5) Demonstrate the ability to interpret blue prints and to produce drawings and layouts
- 6) Demonstrate the ability to calculate board feet of lumber
- 7) Demonstrate the knowledge and skills related to joinery and casework
- 8) Demonstrate the process of assembling stairs, cabinets, or furniture
- 9) Demonstrate an awareness of the installation of stairs or cabinets

## **Employability Skills:**

- Demonstrate regular attendance and punctuality
- Demonstrate accountability by taking responsibility for own actions
- Demonstrate adaptability and effort
- Demonstrate the ability to accept and follow direction and feedback
- Demonstrate teamwork skills
- Demonstrate the ability to stay on task and effectively use time

## **Critical Thinking:**

- Demonstrate problem-solving skills

## **Different Cultures**

- Demonstrate an awareness of how people's culture affects their values and behaviors

## **Human Sustainability**

- Demonstrate an awareness of the sustainability of the carpenter's working conditions

## **Sustainability Practices**

- Demonstrate the efficient use of materials
- Demonstrate an awareness of local and reclaimed sources of wood

## **Structure and Scope**

- Demonstrate an awareness of the scope of millwork

## **Apprenticeship, Post-Secondary Education, and Employment Opportunities**

- Describe employment opportunities in millwork

### **Evolution of Carpentry (Technological Progression and Emerging Trends)**

- Demonstrate an awareness of the evolution of millwork, including its technological progression and emerging trends

### **Digital Citizenship**

- The use of cell phones may be used discretely if students are completed with the classroom assignments. If the use of cell phone disrupts other students, it will be taken away from the student by the instructor and given back at the end of class. If this type of behavior keeps reoccurring, the instructor may ask the student to leave device in locker for the length of the class until student earns the privilege again. Any further disciplinary actions may be taken to administration and parents may be notified.
- The use of cell phones is encouraged in the carpentry program as long as it is carpentry related and used in a safe manner. The students need to be aware of their surroundings when using cell phones in the shop and will be asked to keep clear of any machinery.

### **Assessment Outline:**

General Safety	10%
Course Specific Folders	20%
Final Exam	10%
Projects	50%
Class Participation	10%
<b>Total</b>	<b>100%</b>

**SVRSS 3-Step PPE Compliance Order** - proper Personal Protective Equipment (PPE) is essential for safety in the Building Trades Shop (carpentry shop). **CSA Approved Safety boots or CSA approved toe caps (properly fitted to appropriate footwear) must be worn in the shop. Safety glasses must be worn in the Automotive shop.** If a student fails to comply with PPE requirements, the following steps will be followed:

### **Step #1: Reminder & Documentation**

- The student will be reminded to wear their PPE. PPE will be provided for duration of class
- An entry log will be made in **PowerSchool**, recording that the student was non-compliant and asked to wear their required gear.
- The teacher will explain the importance of PPE and the potential risks of non-compliance.

### **Step #2: Parent/Guardian Contact**

- If the student is reminded to wear PPE again, the teacher will call the student's **parent/guardian** to inform them of the issue. A log entry of this will be made as well. PPE will be provided for the duration of class.
- The teacher will explain the importance of PPE and the potential risks of non-compliance.

### **Step #3: Office Referral & Potential Removal**

- If the student is reminded to wear PPE a third time, they will be **sent to the office** for further action, which will include a parent/guardian, student, teacher and administration meeting.
- The student **may be removed from Vocational programs** for failing to meet minimum safety requirements.

By signing below, I acknowledge that I understand and agree to comply with these PPE requirements.

**Student Name:** \_\_\_\_\_ **Parent/Guardian Name:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_ **Parent/Guardian Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Date:** \_\_\_\_\_