

## **Cabinetry and Furniture Building 30**

Instructor: Mrs. K. Richardson 403-342-6655 ext.1328

Prerequisite: Construction 10/20 courses

Construction 30 offers students the opportunity to choose from a selected group of projects. Projects require both a financial and major time commitment from students. It is expected that students demonstrate an effort to refine basic competencies. All prerequisite courses must be completed prior to enrolling in this course.

They must wear adequate footwear and safety glasses. A tape measure and pencil is mandatory. Safety glasses are provided.

### **Module CON3120: Tool and Machine Maintenance**

The student will:

- 1. Identify and describe the essential elements and desired outcomes of a preventive maintenance program*
- 2. Prepare a maintenance schedule for a given piece of equipment*
- 3. Maintain and service specific tools and equipment.*

### **Module CON3130: Advanced Furniture Making 1**

The student will:

- 1. Describe the construction details of a typical leg and rail piece of furniture.*
- 2. Design and prepare a detailed material list and cost estimate.*
- 3. Build a piece of furniture using leg and rail techniques.*

### **Module CON3140: Advanced Furniture Making II**

The student will:

- 1. Identify the types and methods of matching wood veneer*
- 2. Differentiate between inlay, parquetry and carving techniques*
- 3. Create a veneer, inlay or design feature for a product or component*

### **Module CON3150: Furniture Repair and Restoration**

The student will:

- 1. Assess the condition of a piece of furniture to determine whether it can be economically repaired or restored.*
- 2. Prepare a repair/restoration plan*
- 3. repair/restore a piece of furniture*

### **Modules CON3910: CON Project D**

The student will:

- 1. identify the connection between this project course and two or more CTS courses*
- 2. propose the project and/or performance*

Optional:

**Modules CON3920: CON Project E**

The student will:

1. *identify the connection between this project course and two or more CTS courses*
2. *propose the project and/or performance*

<b>Evaluation</b>	<b>Percentage</b>
Knowledge	25%
<ul style="list-style-type: none"><li>• Written assignments</li><li>• Quizzes</li><li>• Personal inventory</li></ul>	
Skills	60%
<ul style="list-style-type: none"><li>• Application of construction knowledge and processes</li></ul>	
Basic Competencies	15%
<ul style="list-style-type: none"><li>• Participation</li><li>• Communication</li><li>• Manage information</li><li>• Use numbers</li><li>• Think and solve problems</li><li>• Demonstrate positive attitudes and behaviors</li><li>• Be responsible</li><li>• Be adaptable</li><li>• Learn continuously</li><li>• Work safe and efficient</li><li>• Work with others</li></ul>	

Lab Clean-up: Each student will also be responsible for an area of lab clean-up. A portion of the student's grade will be dependent on efforts during this time in class.

Digital Citizenship is the appropriate and responsible behaviour with regards to technology use. Digital citizenship should be practiced in every course, throughout the school and at home. It is an ongoing partnership between teachers, students, and parents. Just as teachers build awareness of the importance of digital citizenship at school, parents build and reinforce these concepts at home. Students need to approach any use of technology with the digital citizenship components in mind.