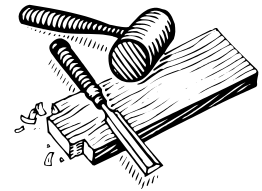




Cardinal Leger Secondary School Construction Technology



Course Name: Custom Woodworking -Workplace Preparation
Course Code: TWJ 3E
Level: Grade 11 Open
Teacher: Mr. Costigan **Room:** 127
Course Fee: None

Course Overview:

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking.

Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and will explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.

Curriculum Strands and Overall Expectations:

The overall and specific expectations for each course in the technological education curriculum are typically organized in four distinct but related strands. As students move up through the grades, the expectations within these strands will increase in complexity and depth.

Strands

Fundamentals: Students develop foundational knowledge and skills related to the design and fabrication of products or the provision of services in the particular broad-based technological subject area.

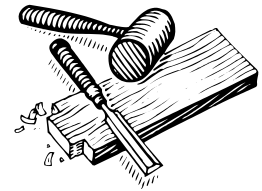
Skills: Students develop the technological skills required for responding to a variety of practical challenges.

Technology, the Environment, and Society: Students develop an understanding of the interrelationship between the technology or industry sector and the environment, and between the technology and various aspects of society. (In subject areas that relate to services, this strand is entitled Industry Practices, the Environment, and Society.)

Professional Practice and Career Opportunities: Students develop an understanding of health and safety standards in the industry, professional concerns and issues, and the Essential Skills and work habits valued in the sector, and explore career opportunities and the education and training required for them.



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Fundamentals - Overall Expectations

By the end of this course the student will:

- A1.** Describe the features and applications of materials and processes used in custom woodworking;
- A2.** Describe woodworking tools, equipment, and techniques, and use them safely;
- A3.** Use correct terminology related to woodworking and the materials, tools, equipment, and processes involved.

Skills – Design, Layout and Planning– Overall Expectations

By the end of this course the student will:

- B1.** Apply a design process and/or other problem-solving processes and techniques when planning a variety of woodworking projects, taking into account relevant design principles and safety standards;
- B2.** Produce and interpret sketches and/or working drawings for a variety of woodworking projects;
- B3.** Plan efficient and effective fabrication and assembly of the components of woodworking projects;
- B4.** Apply the mathematical skills required in the design and construction of woodworking projects.

Skills – Fabrication, Assembly, and Finishing – Overall Expectations

By the end of this course the student will:

- C1.** Fabricate and assemble custom woodworking projects safely, accurately, and efficiently;
- C2.** Prepare surfaces and apply finishing products, trim, and hardware correctly and safely.

Technology, the Environment, and Society – Overall Expectation

By the end of this course the student will:

- D1.** Demonstrate an understanding of the environmental effects of the woodworking industry, and ways of reducing harmful effects;
- D2.** Describe how the woodworking industry and society affect each other.

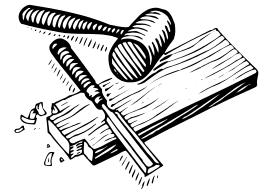
Professional Practice and Career Opportunities – Overall Expectations

By the end of this course the student will:

- E1.** Demonstrate an understanding of health and safety regulations and practices specific to woodworking;
- E2.** Identify career opportunities in custom woodworking, and describe the training required for these careers.



Cardinal Leger Secondary School Construction Technology



Evaluation:

Regular attendance plays an important role in the success of the student!

Term Work	70%
Knowledge and Understanding	25%
Thinking	20%
Communication	20%
Application	35%
Final Assessment	30%
Culminating Task	30%
Course Total	100%

Learning Skills and Work Habits

E= Excellent G=Good S=Satisfactory N= Needs Improvement

Responsibility	<ul style="list-style-type: none"> • Fulfills responsibility and commitments. • Takes responsibility for and manages own behavior.
Organization	<ul style="list-style-type: none"> • Devises and follows a plan and process for completing tasks. • Establishes priorities and manages time
Independent Work	<ul style="list-style-type: none"> • Independently monitors, assesses, and revises plans to complete tasks and meet goals. • Uses class time to complete tasks.
Collaboration	<ul style="list-style-type: none"> • Accepts various roles and an equitable share of work in a group. • Builds healthy peer-to-peer relationships.
Initiative	<ul style="list-style-type: none"> • Looks for and acts on new ideas and opportunities. • Approaches new tasks with a positive attitude.
Self-Regulation	<ul style="list-style-type: none"> • Sets own goals and monitors progress towards achieving them. • Seeks clarification or assistance when needed.

Missed/Late/Incomplete Assignments

It is the student's responsibility to address missed, late, or incomplete assignments. Students are expected to complete assignments and to adhere to assignment deadlines as follows:

Due Date	10% Penalty Zone	Closure Date
A due date is set by the teacher.	1 school day late – 3% 2 school days late – 6% 3 school days late – 10% Maximum penalty of 10%	Once the closure date has passed, work is considered incomplete and a mark of zero applies.