



COURSE: Construction Technology

COURSE CODE: TCJ 3E2

PREREQUISITE: None, However TCJ 20 (Grade 10 Construction) is recommended.

DESCRIPTION:

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore postsecondary and career opportunities in the field.

Curriculum Units

1. Introduction – The Construction Industry, Measurement, Shop Safety
2. Woodworking (Cabinetmaking)
3. Carpentry
4. Culminating Task

EVALUATION POLICY

Midterm and final marks will be calculated using the prescribed learning strands with the following weighting:

LEARNING CATEGORIES

Knowledge/Understanding	25%
Thinking/Inquiry	10%
Communication	5%
<u>Application</u>	<u>30%</u>
CUMULATIVE MARK	70%



Reported marks reflect the cumulative effort of the student up to the end of the reporting period. Students' final marks will be calculated using the following weighting:

Term Work	70%
Final Exam	15%
<u>Culminating Activity</u>	15%
Final Mark	100%

In addition to curriculum strands, students' learning skills will be assessed throughout the course and will be communicated during the reporting period.

Learning Skills

- Independent Work
- Collaboration
- Organization
- Initiative
- Responsibility
- Self Regulation

These skills will be assessed using the following key:

E = Excellent

G = Good

S = Satisfactory

NE = Needs Improvement

DEPARTMENT INFORMATION:

This is an intensely practical course. **Daily attendance** and **participation** is vital!

Safety glasses and **proper clothing** will be worn at **all times** when working in the Construction Technology shop

TEXTBOOK & REPLACEMENT COST:

Modern Woodworking \$66.50

Carpentry & Building Construction \$77.98

MATERIALS REQUIRED:

Pen, Pencil & Notebook. Personal tape measure recommended.

MATERIAL FEE: Please be advised that there is a **\$20.00 material fee** for taking this course.

Late or plagiarized assignments will be dealt with according to the school's Late and Plagiarized Assignment Policy. Please refer to the Royal Reminder for a detailed outline of consequences.