



Course: Construction Technology

Course Code: TCJ20

Grade: 10

Teacher: G. Teasdale

Course Type: Open

Credit Value: 1

Prerequisite: None

Curriculum Document: *Technological Education, Grades 9 and 10, 2009 Revised*

Textbook: Modern Carpentry
Exploring Woodworking

Course Description:

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.

Prerequisite: None

Required Materials:

Students are expected to come to class every day prepared with:

3 ring binder	IPad	Lined paper	Closed shoes
Ruler	Pencils/pens		Eraser

General Areas of Study:

1. Safety
2. Measurement
3. Machine Operation
4. Hand tools
5. Framing
6. Wood joinery
7. Design Process
8. Careers / Skilled trades
9. Environmental Issues
10. Finishing

Evaluation: A student's final grade in the course will be determined as follows:

70 % TERM MARK A student's term mark will include a variety of evaluations such as projects, tests, quizzes, assignments and presentations and will be marked according to the following weightings.

Knowledge and Understanding	14%	Application	28%
Communication	14%	Thinking and Inquiry	14%

30 % SUMMATIVE EVALUATION - Culminating activity

Late Policy:

Students are expected to submit all assignments within the time frame specified. While teachers will consider extenuating circumstances, late students are subject to mark deductions. If an assignment is late, a penalty of 10% per school day will be deducted, up to a maximum of 50%. Once assignments have been returned to the class, late submissions may receive a mark of **zero**.

Student Expectations: In order to be successful in TCJ20 all students must:

- 1. Attend class every day:**
If you are absent it is YOUR responsibility to obtain notes from a classmate, catch up on missed work, find out about any upcoming evaluations and see the teacher if you need assistance.
- 2. Arrive to class prepared to work physically and mentally:**
Class time is precious and will not be wasted going to your locker or to the washroom. Make sure you bring the required materials, use the washroom during breaks and are in your seat ready to work when the bell rings.
- 3. Complete and check all homework:**
Homework and practical assignments are crucial to your success in technology because they help to solidify and check your understanding of the topic. Homework and assignments should be completed on the day they are assigned and will be checked, taken up or discussed in class. If you have difficulty with the homework extra help is always available..... but YOU have to ASK.
- 4. Make arrangements for any missed tests/quizzes.**
If you know you are going to be away on the day of a test (sport/club etc) make sure you make arrangements with the teacher to write the test at an alternate time. For unexpected absences, see the teacher **BEFORE CLASS** on the day you are back at school. Tests or quizzes missed due to **TRUANCY** will result in a mark of **ZERO**.

5. **Do your best work all the time:**

In Technology it is important to use safe work habits and proper procedures to avoid injuries. Working CAREFULLY and CORRECTLY is always better than working QUICKLY but INACURATELY.

6. **IPAD Policy:**

In this class students will use their IPAD in a variety of ways including use of e-textbook, online resources, presentation software and graphing calculator apps. During class time it is expected that students will not use IPAD's for **games** or **music**. Failure to adhere to this policy will result in removal of IPAD from student use. While the IPAD contains several good calculators and graphing software programs, students will **not** generally be allowed to use IPADs during **tests** or **quizzes**.

Cut and Return

I understand the above expectations and I am ready to work safely and be successful in technology:

STUDENTS NAME

STUDENT'S SIGNATURE

PARENT'S NAME

PARENT'S SIGNATURE

