



**St. Joseph Secondary School  
Department of Technology**

**Course Code:** TTJ3C  
**Course Name:** Transportation  
Technology  
**Level:** College

**Student's Name:** \_\_\_\_\_  
**Textbook #:** \_\_\_\_\_

**Overall Course Expectations and/or Curriculum Strands:**

**Course Description:**

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, break, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about apprenticeship and college programs leading to careers in the transportation industry. Prerequisite: NONE

**Expectations:**

- Demonstrate an understanding of the fundamental principles of engines and their service, repair, and maintenance.
- Demonstrate the ability to test and repair basic electrical circuits safely and correctly.
- Demonstrate an understanding of the relationship between society, vehicle ownership, and various aspects of transportation technology.
- Demonstrate the use of professional work practices and procedures and compliances with occupational health and safety regulations and standards.

**Ontario Catholic School Graduate Expectations (Vision of the Learner):**

The graduate is expected to be:

1. A discerning believer
2. An effective communicator
3. A reflective, creative and holistic thinker
4. A self-directed, responsible, lifelong learner
5. A collaborative contributor
6. A caring family member
7. A responsible citizen

Efforts will be made to meet the individual learning needs of students to promote student success with respect to meeting the expectations of this course.

My signature below indicates that I have read the Course Handout, and I am in agreement with its contents.

**Parent's/Guardian's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Student's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Units of Study:

Unit 1: Shop Safety incl. Tools and Equipment  
Unit 2: WHIMS Training and Careers  
Unit 3: Environmental and Social impacts related to the Transportation Industry  
Unit 4: Hoist and Lifting procedures  
Unit 5: Service and maintenance operations  
Unit 6: Internal Combustion Engines  
Unit 7: Operating torches and welding equipment  
Unit 8: Advanced electrical wiring circuits

## Resources:

The course will use a variety of resources which will be distributed to students during the first week of the course. The text and all other resources assigned to each student are the responsibility of the student.

### **Resources for this course include:**

(Include textbooks, safety glasses, shop coats and various automotive tools, etc.)

**Any damage incurred will result in payment for replacement.**

## Evaluation Policies

1. Student marks will be determined by evaluating process & product according to 4 categories (see below) & 4 levels of the Achievement Chart as found in the Ministry Policy document for XXX Department.

### Evaluation Structure:

<b>Knowledge/Understanding</b>	<b>20%</b>
<b>Application</b>	<b>40%</b>
<b>Communication</b>	<b>20%</b>
<b>Thinking</b>	<b>20%</b>

**Term Evaluations = 70% of the final mark and Summative Evaluation = 30% of the final mark. Final Evaluations will include:** (itemize; e.g. final examination = 20% & Culminating Performance Task = 10%)

2. Feedback will also be provided for student **learning skills:** Responsibility, Organization, Independent Work, Collaboration, Initiative and Self-Regulation are assessed apart from student achievement in the four categories outlined above and will conform to the coding:

**E – Excellent          G – Good          S – Satisfactory          N - Needs Improvement**

3. **Assignments** submitted after the due date established by the teacher will receive a penalty **in accordance with our Board Assessment & Evaluation Policy Document** as outlined in the student agenda.
4. Should a student miss an evaluation due to a legitimate absence, **in accordance with our Board A&E Policy Document**, the student and teacher will make arrangements to address the missed evaluation in a timely manner. In the cases of **extended vacation** or **prolonged absence**, consultation with the appropriate administrator is required.
5. In the event that the student does not make up the missed evaluation(s), a zero may be assigned. If it is determined that the evaluation(s) has/have been missed as a result of a skip/truancy or has/have been plagiarized, a zero may be assigned.
6. For all other cases of absence and/or missed evaluations (including absence during the final examination period), please refer to our Board A&E Policy as outlined in the student agenda.

**St. Joseph – Pray for Us and May God bless your efforts this semester!**