

## Automotive Course Outline

8 Power Mechanics, All schools Semester 2, Turtle River School Division

Teacher: Mrs. Stokes Email: [mdejong@trsd.ca](mailto:mdejong@trsd.ca)

### Course Overview:

1. Intro to Workplace Health and Safety, rights and responsibilities, WHMIS, PPE
2. In depth overview of specific automotive systems i.e., electrical, exhaust, cooling, drive train, emissions, suspension, and fuel systems
3. Standard tool identification and uses

**No prerequisites required**

### Class Resources:

A combination of theory work using the Electude program, provided by the school, and various videos reviewed by me will be used to properly demonstrate the workings of each automotive system chosen for this class. The practical work will come with the learning of the standard tools typically found, and used in a shop. These tools will be used on my personal vehicle and another vehicle I am donating to the program.

### Supply List:

Pencil case with all appropriate utensils, notebook

### Classroom Rules and Expectations:

1. Respectful language and behavior to peers and the teacher
2. Listening to the person talking and do the instructions given by the instructor for the daily task without attitude
3. Come prepared to class with all necessary supplies
4. No cellphone use will be permitted, unless the laptops are unavailable and they can be used for research purposes only. Students will have 3 warnings. After the third warning the cellphone will be held in my desk until the end of class.
5. Always handle tools and equipment with care and respect

## Assignment Guidelines:

Assignments are to be handed in on the due date I assign. Students can have extra time to finish any assignments during the due date class if they were absent or it does not interfere with the assignment or project that day.

**Late assignments** will appear as zero until they are completed and handed in. If a student or students continuously hand in late assignments the parents, or parent will be notified.

**No tolerance for plagiarizing**, if caught the student will receive a zero and will have to re-due the assignment.

Students that miss classes and fall behind will receive some assistance from me to help them catch up to the pace of the rest of the class, but will have to try their best on their own as well and not rely solely on my help.

## Units of Study:

- Workplace Health and Safety, **Outcome:** To refresh they're understanding of this Act and they're responsibilities and rights as employees/employers.
- Standard tool identification and Use, **Outcome:** To introduce new tools in an automotive shop and demonstrate they're proper use and safety.
- Automotive systems, **Outcome:** For students to become more familiarized with specific working system in vehicle (see course overview).

## Assessment Guidelines:

- Teacher to student understanding, see how the student is learning the information and how it is being processed to allow the teacher to modify further instruction in the future.
- Student to teacher goals and self-confidence to develop determination to better themselves as a student.
- Final grades and marks for students will be a direct reflection of the end result of the students understanding of that specific unit of study and its outcomes and goals.

Practical (hands on)- Daily Participation, tool use, time management, attendance **30%**

Theory- Electude **50%**

Daily score out of 5 **20%**

Overall percent out of **100**

## Evaluation:

Evaluation will be done using rubrics and checklists as follows

1. Teacher evaluation (how instruction is taken and applied to daily projects)
2. Peer evaluation (teamwork capability)
3. Individual evaluation (growth as an individual student)

