

# Henry Street High School

## TTJ201

Transportation Technology, Grade 10, Open

### COURSE OUTLINE

#### COURSE DESCRIPTION

*This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues, and will explore secondary and postsecondary pathways leading to careers in the transportation industry.*

#### UNITS OF STUDY

**UNIT 1 – CLASSROOM POLICIES AND SHOP SAFETY**

**UNIT 2 – VEHICLE MAINTENANCE**

**UNIT 3 – BRAKING SYSTEMS/ STEERING**

**UNIT 4 – SMALL ENGINES**

**UNIT 5 – BASIC FABRICATION**

#### ASSESSMENT AND EVALUATION

❖ **FORMATIVE 70%**

Participation/logsheets  
Assignments/notebook  
Weekly projects/tasks

❖ **SUMMATIVE 30%**

Teacher observation of hands-on skills while student completing a performance task  
Final Exam

**General Notes:**

- ❖ Each student will be responsible for:
- ❖ Their own proper closed toe foot wear
- ❖ Their own notebook
- ❖ Safety glasses are a must and have to be worn at all times. (we supply glasses, however we suggest students supply their own)
- ❖ Textbooks will be supplied by teacher but **CANNOT** leave the classroom
- ❖ Following all safety rules at all times and working in a positive manner