

**Course Description/Rationale/Overview:** This course examines the infrastructure required for the operation of land, air, and/or marine vehicles. Students will design, construct, and modify vehicles, and apply safe work practices and procedures using current technology. They will also develop effective communication and teamwork skills when developing solutions to managing vehicle support systems; investigate the educational requirements for career opportunities in the transportation sector.

**Class Requirements:**

Materials/textbooks/equipment

Safety Glasses

(Replacement cost \$5.00)

Recommendations:

Bring safety glasses to each class or store them in the classroom.

**Missed Tests and Late Assignments**

Students are to be present for test dates. There must be a verified, valid reason when a test is missed. The teacher may provide an alternative opportunity for testing or record an "absent" for that test.

All summative assignments will have a clear *Due Date*. Assignments that are handed after the *Due Date* will be accepted and assessed by the teacher if submitted prior to the *Deadline*. The *Deadline* is defined as the class period in which that graded assignment is returned to the class, unless there are extenuating circumstances.

For the mid-term report, no mark will be recorded for a missed summative assignment.

Where a student has not submitted enough work for the teacher to determine the student's level of achievement the report card will indicate that the student's work is incomplete and no grade will be assigned.

At the semester end, where summative assessments are incomplete, a mark of zero may be assigned and used to calculate the student's final grade.

**Assessment Strategies**

Shop safety and safe use of shop tools

Daily Logs: To be completed on a daily basis

Projects and Assignments: Practical and written assignments will be assigned

Literacy and Numeracy: Students will be required to answer questions orally as well as written

Quizzes and tests: Students will be challenged with a quiz on a weekly/bi-weekly basis

Presentations: Students will present their project(s) to the class orally and/or practically

**Achievement Categories**

Knowledge/Understanding

Thinking/Inquiry

Communication

Application

Exam

**Curriculum strands:**

diagnostic tools

power tools

computer manuals

welding equipment

**Learning Skills:**

Team work

Initiative

Organization

Homework

**Evaluation**

The year's work will be based on:

Quizzes

Assignments

Culminating Task

Exam

Technology Education involves knowing, doing, testing, designing, building and evaluating. Students will use projects as a major means of achieving these expectations. Health and Safety and understanding the expectations of the workplace are of great importance in Technology courses. Students must attend regularly in order to demonstrate achievement of the application and communication expectations.

**FINAL MARK**

**Year's Work: 70%**

Application Assignments...40%

Knowledge Understanding Assignments...30%

Communication Assignments...15%

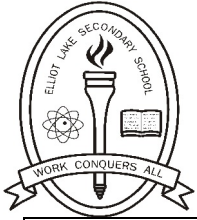
Thinking Inquiry Assignments...15%

**Final Summative Evaluation: 30%**

The final summative evaluation will be a combination of:

Culminating Activity.....15%

Final Exam.....15%



**COURSE OUTLINE**

<b>Unit 1</b>		
<b>Unit 2</b>		
<b>Unit 3</b>		
<b>Unit 4</b>		
<b>Unit 5</b>		
<b>Unit 6</b>		
<p><b>Summative Evaluation</b></p> <p>Types of evaluation used to determine final 30 % of mark: exam, presentations, scrapbooks, etc..</p>		<p>Percent that each task represents out of <b>30%</b> for final summative evaluation</p>