

**Course Description/Rationale/Overview:** This course examines alternative modes of mass transit to enable students to develop the specialized knowledge and skills required to work with sophisticated land, air, and/or marine vehicles and transportation systems. Students will solve problems related to vehicles and transportation systems; examine transportation-related issues such as energy conversion, power transfer, control systems, and environmental and societal impact.

**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 with in each unit of study**

**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 in an oral or practical manner**

**Achievement Categories**

Knowledge/Understanding  
Thinking/Inquiry  
Communication  
Application  
Exam

**Curriculum strands:**

Shop Safety  
Safe hand tool usage  
Safe power tool usage  
Machine Skills  
Modes of transportation

**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**

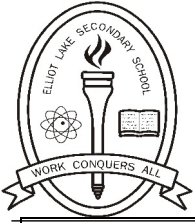
**Year's Work: 70%**

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>		
<b>Summative Evaluation</b>  Types of evaluation used to determine final 30 % of mark: exam, presentations, scrapbooks, etc..		Percent that each task represents out of <b>30%</b> for final summative evaluation