

Course Description/Rationale/Overview: This course is an extension of TMJ3C which allows senior students to focus on advanced manufacturing. It provides students with an opportunity to develop specialized knowledge and skills in the production process. Students will solve problems, design projects and build the project to a high level of quality control. The knowledge and skills developed should

Class Requirements:

Materials/textbooks/Binder/Pencil

Safety Glasses (\$5.00)

Recommended: Safety Glasses are required in the shop at all times.

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 verified 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

Listening comprehension: Personal communication, ongoing verbal feedback between teacher and student.

Shop safety and clean up:

Projects and assignments: Some written but mostly hands on projects. They will be completed with high quality control standards.

Tests and quizzes: These cover the theory studied in the units.

Achievement Categories

Knowledge/Understanding
Thinking/Inquiry
Communication
Application
Exam/Culminating activity

Curriculum strands:

Oral Communication
Shop Safety
Machine skills
Design Skills

Learning Skills:

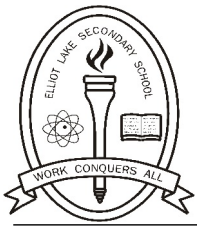
Works Independently
Team work
Organization
Work Habits
Initiative

Evaluation

The year's work will be based on:

Shop Safety
Projects/Assignments
Test and Quizzes
Culminating Activity
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.



COURSE OUTLINE

| COURSE OUTLINE | | | |
|--|----------------------------------|--|--|
| Unit 1 | List of strands included in unit | Types of activities and the categories of achievement that they evaluate | Percent that unit represents out of the 70% for the Summative Tasks |
| Brief description of unit of study | | | |
| Unit 2 | | | |
| Unit 3 | | | |
| Unit 4 | | | |
| Unit 5 | | | |
| Unit 6 | | | |
| Summative Evaluation | | | Percent that each task represents out of 30% for final summative evaluation |
| Types of evaluation used to determine final 30 % of mark: exam, presentations, scrapbooks, etc.. | | | |