



**Sturgeon Composite High
School
Science 24
COURSE OUTLINE**



PREREQUISITE: Minimum of 50% in Science 14 or 40% in Science 10

TEXT: Science Connect 2 – McGraw-Hill Ryerson

COURSE MATERIALS: Three ring binder and paper
 Calculator
 Pens/Pencils

COURSE CONTENT:

1. Unit A – Matter and Chemical Change
Chemical change is involved in every part of daily life. Students will learn about these chemical changes and about the choices they can make to minimize chemical changes that damage the environment.
2. Unit B – Energy Transformations
Students will investigate and describe energy transformations and conservations. Analysis and application of data should lead to an awareness of technological processes involved in personal and global energy consumption.
3. Unit C – Disease Defences and Human Health
The technology involved in the study, treatment and cure of some common diseases will be investigated.
4. Unit D – Safety in Transportation
Students will explore speed and momentum and how these factors affect a collision. Scientific principles associated with safe transportation will also be studied.

EVALUATION: The final mark in Science 24 will be based upon the following criteria:

- 1. TERM WORK: 70%**
 - a) Daily Activities: 50%
- consists of assignments, lab work and quizzes
 - b) Exams: 50%
- consists of chapter and unit exams
- 2. FINAL EXAM: 30%**

STUDENT EXPECTATIONS:

1. Students are expected to respect others in class.
2. Students are expected to be prepared for class.
3. Students are expected to arrive on time for class.
4. Students who miss an exam are required to have their absence confirmed before being allowed to write the exam. Unconfirmed absences will be given a mark of zero on the exam.