



COLONEL BY SECONDARY SCHOOL

DEPARTMENT: Science

COURSE NAME: Grade 11 University Chemistry

COURSE CODE: SCH 3U

OVERVIEW

This course focuses on the concepts and theories that form the basis of modern chemistry. Through problem solving and laboratory investigations, students will examine changes and relationships in chemical systems and explore how chemistry affects our lives and our environment. In order to ensure success in this course, it is expected that students will follow the outline given for each unit that indicate readings and homework.

Prerequisite: SNC 2D; Grade 10 Academic Science

Text: Nelson Chemistry 11 (Replacement Cost = \$92)

UNITS OF STUDY

OR

COURSE CONTENT

Matter & Chemical Bonding

Quantities in Chemical Reactions (Stoichiometry)

Solutions and Solubility

Gases and Atmospheric Chemistry

Chemical Reactions

EVALUATION

Evaluations will draw from the following learning skills, with the approximate year-end weighting indicated below. Individual evaluations will not necessarily include all of these learning skills.

Application	20%	Thinking/Inquiry/Problem Solving (TIPS)	30%
Communication	15%	Knowledge/Understanding	35%

The weighting of the final mark is as follows:

COURSE WORK

Tests, quizzes, lab reports, assignments 70%

SUMMATIVE EVALUATION

Lab Portfolio 5%
Exam 25%