**BIOLOGY 11: COURSE OUTLINE**

UNIT 1: INTRODUCTION

*Textbook Reference:*

A. Chapter 1: The Nature of Science p. 7-10, 18-19

B. Appendix B: Science Safety Rules p. 2r-3r

C. Chapter 2: Biology as a Science p. 27-31

*Learning Outcomes:*

*It is expected that students will:*

* demonstrate safe and correct technique for a variety of laboratory procedures
* design an experiment using the scientific method
* interpret data from a variety of text and visual sources

*Knowledge:*

* independent and dependent variables
* controlled and experimental variables
* control group and experimental group

*Vocabulary:*

Conclusion, control, control group, controlled variable, dependent variable, experimental group, experimental variable, independent variable, procedure, sample size, scientific method, testable hypothesis

