# Course Outline

## Calmar Secondary School

# Science 10

### Course Objective

The Science 10 course is designed to assist you in developing the attitudes, skills, and knowledge that are important in understanding science in our world. The course will present science that is applicable not only to future studies but also to everyday living. A number of hands-on demonstrations will help you develop an appreciation for the nature and limitations of scientific knowledge. You will also explore the inter-relationship between science, technology and society.

Timeline:

Four themes are evident in Science 10. They are;

1. Energy Flow in Global Systems
2. Cycle of Matter in Living Systems
3. Energy and Matter in Chemical Change
4. Energy Flow in Technological Systems

Each unit will consist of 20-22 classes in duration. At the end of each unit there will be a major unit exam covering all the material. No mid-term exams will be given, but a final exam scheduled during exam week will be written. Students can expect to have approximately **4 classes to complete the extra credit Module ENM 2090.**

Instructor: Mr. Mark Rothfos (e-mail: mark.rothfos@blackgold.ca)

Room: 22

Note: Students taking Science 10 will be offered the opportunity to take the CTS Module ENM 2090 Energy Design/Systems I (Cell transportation and Energy).

Required Text: 1. Science 10 Textbook

Evaluation

The course will be evaluated with the following scheme:

Quizzes and Tests……………………….. 15%

Homework ……………………………………. 5%

Lab Reports/Projects………………… 20%

Unit Exams…………………………………… 30%

Final Exam……………………………………. 30%

Total: 100%

Materials: Aside from your textbook and homework manual (provided), you will need a binder, writing utensils, and loose leaf. Lab glasses will be provided. **Scientific graphing calculator Texas Instruments Ti-83/Ti-84 or better is needed.**

\*Late assignments will not be accepted unless you have permission from me.

IF assignments are considered on this basis they may be penalized a maximum of 10% per day to a maximum of 5 days. There upon the mark will then be zero. There is no “extra projects” at the end of a term to boost a sagging mark.

\*All quizzes and exams will be announced at least one day prior to testing.

Please check the homework board for upcoming test/assignments/quizzes, etc.

IT IS YOUR RESPONSIBILITY TO COMPLETE ALL ASSIGNMENTS, CATCH UP ON MISSED MATERIAL/WORK, AND KEEP YOUR NOTES UP TO DATE!!! Some materials will be available to you online using the Blackgold Moodle Site. All marks will be updated daily online and available to all students with an account in PowerSchool

\*Notebooks should be neat and well organized, with all notes and assignments reflecting appropriate titles and dates. You are expected to bring all materials to each class unless otherwise instructed.