General Science 1000: **Topics in Science**

Course Outline, Fall-Winter 2012/13

Course Coordinator: Craig MacKinnon (contact information below)
Course time: Tu 7:00 - 10:00 pm, AT-1003

NOTE: each module's instructor will set his/her own office hours and is solely responsible for the material in, and the grade assigned to, that module.

Overview
The course is designed to introduce P/J and J/I teaching candidates (with no advanced science experience) to central science topics featured in the primary school curriculum. The course is divided into five modules of four or five weeks each. Thus, you will receive instruction on the four strands of science in the Grades 1-8 Ontario Curriculum, plus a module on general scientific definitions and the nature of science and technology. *This course does NOT cover methods of instruction*, it is designed to give the teacher the knowledge necessary to understand the material in the science curriculum.

Modules

1 (a)	Weeks 1, 2	Overview of Scientific Enquiry	Craig MacKinnon (CB-4038, 343-8327) craig.mackinnon@lakeheadu.ca
2.	Weeks 3-7	Life Systems	Michael Moore (CB-3011A, 343-8909) mnmoore@lakeheadu.ca
3.	Weeks 8-12	Matter and Energy	Jarrett Sylvestre (CB-2049A, 343-8540) jarrett_sylvestre@yahoo.ca
1 (b)	Week 13	Communicating Science	Craig MacKinnon
4.	Weeks 14-18	Earth and Space Systems	Sarah Kerton (625-2411) SKerton@thunderbay.ca
5.	Weeks 19-23	Structures and Mechanisms	Sylvie Landry (473-4538) sylvie_landry@yahoo.ca
1. (c)	Week 24	Culminating Project	Craig MacKinnon (coordinating)

Prerequisite: NONE (however, this course cannot be counted for credit if the student has any other science credit)

Course Text NONE

Marking Scheme Modules 2, 3, 5, and 6 are five weeks long and are worth 20% each. The other "module" is presented throughout the course (weeks 1, 2, 13, and 24) and is also worth a combined 20%.

POLICY ON ELECTRONIC COMMUNICATION EQUIPMENT
Students attending class are expected to follow the Code of Student Behavior, and refrain from activities that distract their fellow students. This includes the use of electronic communication equipment (cell phones, Blackberries, etc.). Laptops, tablets, etc. may be used to take notes (not for games!). NO ELECTRONIC COMMUNICATION EQUIPMENT WHATSOEVER IS ALLOWED DURING TESTS/EXAMS (calculators are allowed).