

COURSE STATEMENT

SNC 2D1

LAMBTON CENTRAL COLLEGIATE AND VOCATIONAL INSTITUTE

Welcome to Grade 10 Academic Science. This is a summary sheet for parents and students that outlines our course evaluation and expectations.

G. Nemcek B.A., B.Ed.
Principal

S. Watson, B.A., B.Ed.
Vice Principal



Box 250
Petrolia, Ontario
N0N 1R0

Telephone:
(519) 882-1910

Fax:
(519) 882-1860

TEACHER: Mr. Mueller

TEXT: Nelson Science Perspectives10

Text Cost: \$75.00

Course Name: Science, Grade 10, Academic

Course Code: SNC 2D1

Credit Value: 1 credit

Ministry Document: The Ontario Curriculum, Grades 9 and 10 – Science (2008)

Development Date: Aug, 2011

Prerequisite: Grade 9 Science, Academic or Applied (SNC 1D1 or SNC 1P1)

Future Courses: Grade 11 University Preparation Biology (SBI 3U1), Chemistry (SCH 3U1) and Physics (SPH 3U), Grade 12 University Preparation Earth and Space Science (SES 4U1)

Senior Level College Preparation Courses – Biology (SBI 3C1), Chemistry (SCH 4C1) and Physics (SPH 4C)

Mission Statement:



Course Description:

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid–base reactions; forces that affect climate and climate change; and the interaction of light and matter.

Big Ideas, Overall and Specific Curriculum Expectations:

Refer to the Ministry of Education document entitled “The Ontario Curriculum, Grades 9 and 10 – Science (2008)” which is available in the main office, from your teacher, or on the Ministry of Education website (http://www.edu.gov.on.ca/eng/curriculum/secondary/science910_2008.pdf)

Course Content Outline:

Biology: Tissues, Organs, and Systems of Living Things

Chemistry: Chemical Reactions

Physics: Light and Geometric Optics

Earth and Space Science: Climate Change

Scientific Investigation Skills and Career Exploration

Assessment and Evaluation Strategies:

There are four achievement categories of knowledge and skills that encompass all the curriculum expectations in the Ontario Curriculum for SNC2D1. The four categories and their value for the term are as follows:

Knowledge	30%
Thinking	30%
Communication	15%
Application	25%

The breakdown of your mark will be based on your level of achievement as follows:

Term Work – 70%

The above achievement categories will be used to evaluate tests, quizzes, assignments, etc. as part of your term mark.

Final Examination / Culminating Activity – 30%

All students must participate in the culminating activity sometime during the last two weeks of the semester, where applicable, and / or write a final examination based on the entire semester's work during the end of semester exam period.

Learning Skills

Provincial Report Cards will be marked with each student's performance in the five Learning Skills areas:

- | | | | | | |
|--------------------------|------------------------|----------------------------|-------------------------|----------------------|---------------------------|
| 1. Responsibility | 2. Organization | 3. Independent Work | 4. Collaboration | 5. Initiative | 6. Self-Regulation |
|--------------------------|------------------------|----------------------------|-------------------------|----------------------|---------------------------|

These Learning Skills will be assessed regularly by your teacher. They are an important statistic to understand how well students perform in the class. These are not considered in the determination of the final grade. For each of the Learning Skills one of the following achievement letters will be given:

E = Excellent G = Good S = Satisfactory N = Needs Improvement

ATTENDANCE

Regular attendance is vital to the process of learning. When the process and content of learning is disrupted by irregular attendance, both the individual and his/her classmates suffer a loss of experience that cannot be entirely regained. Students who miss class will suffer in the process because their participation and achievement cannot be fully assessed. Students are expected to complete any expectations missed due to absence.

ACADEMIC HONESTY

Consequences for Academic Dishonesty on Assignments:

Professional judgment of the teacher is taken into account to determine the degree of academic dishonesty and appropriate consequences.

Grades 9 and 10 – Student will redo the assigned work. The student will receive a 25 per cent deduction on their assignment. If the assignment is not completed and handed in within the time frame specified by the teacher, a mark of zero will be recorded. Subsequent occurrences may result in a mark of zero.

Consequences for Academic Dishonesty on Tests:

1. Teacher has a conversation with the student about the incident.
2. If cheating has been determined, the student is assigned a mark of zero.
3. Parents are informed if the student is under 18 years old.
4. In Grades 9 to 12, administration is informed if the situation is not resolved.

Consequences for Academic Dishonesty on Exams:

1. If cheating is suspected during the exam, the student is allowed to complete the exam.
2. If cheating has been determined during or after the exam there will be a conference involving administration, teacher and the student.
A mark of zero will be assigned.
3. Parents are informed if the student is under 18 years old.

Appeals Process: Appeals will be requested through the teacher to the administration if the situation is not resolved.

LATE POLICY

The staff and students of LCCVI recognize that deadlines need to be in place to help students develop time management skills and strategies. Where in the teacher's professional judgment it is appropriate to do so, a number of strategies may be used to help prevent and/or address late and missed assignments. After many of these strategies have been implemented and documented, the teacher may deduct marks for a late assignment.

Students are expected to submit all assignments within the time frame specified by the teacher. Teachers will consider extenuating circumstances when assignments are late. If an assignment is late, **10% WILL** be deducted per school day, up to a maximum of **30%**. Once assignments have been returned to students, any late submissions **WILL** receive a mark of zero.

Should you have any questions or concerns, please contact the teacher at **882-1910**.