

SCIENCE 9 – CHEMISTRY

8-25-09

Instructor: Craig DeCrane

Room: 142E

School phone: 419-824-8580, extension 6186

Email: sy.craig.decrane@nwoca.org

Course Description: Sylvania Southview High School Program of Studies

“Science 9C is a one semester overview of the field of chemistry. Science 9P is a one semester overview of the field of physics. Through lecture, laboratory investigation, and various other types of activities, students are introduced to the basic concepts of the physical and chemical properties of matter, atomic structure, chemical reaction, force, work, machines, motion and energy. Additional topics such as heat, light, sound, electricity, or nuclear energy may also be explored. The courses also include applying the method and content of science to everyday life. In addition to the subject matter of the courses, the students are further trained in the techniques of the scientific method through assembling lab equipment, conducting investigations, collecting and analyzing data, and writing lab reports.”

Science 9 - Chemistry is aligned with the Ohio Academic Standards.

Textbook: *Foundations of Physical Science* by Tom Hsu.

Materials: paper, pen, pencil and a NON-PROGRAMABLE calculator.

Grading scale:	A ⁺ = 100 - 98%
	A = 97 - 93%
	A ⁻ = 92 – 90%
	B ⁺ = 89 – 87%
	B = 86 - 83%
	B ⁻ = 82 – 80%
	C ⁺ = 79 – 77%
	C = 76 - 73%
	C ⁻ = 72 – 70%
	D ⁺ = 69 – 67%
	D = 66 - 60%
	F = 59 – 0%

Grading system: usually 300 to 400 points accumulated per quarter, which includes 3 to 4 tests.

	<u>Point value</u>
Tests	50 – 75
Lab reports	10 – 50

Quizzes

10 – 15

Homework

20 (2 pts. for ea. Assignment)

Photocopies are **NOT** accepted. Computer copies with different font are **NOT** accepted.

Only nonprogramable calculators are allowed on tests.

Late papers: Late papers are **NOT** accepted unless you have an excused absence.

If you miss more than two lab reports a quarter, you must write a one page (both sides) report on one of the lab topics or **lose 10 points!** Missed labs usually can not be made up but are not counted if you have an excused absence.

Course Web Site: The course web site contains all homework assignments. It also contains files of any papers (worksheets, lab directions, etc.) that are distributed. The site can be reached through the following link:

<http://www.sylvaniasouthview.org/academics/science.htm>