

PHYSICAL SCIENCE ACADEMY

SCI 101/102 • Semester, year

Rob Hamann

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Office hours: 7:00-7:15, 12:00-1:30, 2:30-3:25

Course description*

Introductory laboratory experience is a fundamental part of this course, which is designed to give students a general knowledge of Chemistry and Physics. Major concepts associated with Earth Science and Astronomy are included during second semester. Course content will emphasize the real-life applications of science in a technological society as well as the processes, techniques, and methods for scientific investigation and problem-solving. A graphing calculator is required. Electronic resources are frequently accessed via the student Chromebook.

Credit weight*

College Prep

[Link to published core curriculum map*](#)

Priority Standards*

Asking questions and defining problems	Using mathematical and computational thinking
Developing and using models	Constructing explanations and designing solutions
Planning and carrying out investigations	Engaging in argument from evidence
Analyzing and interpreting data	Obtaining, evaluating and communicating information

Grading Categories*

(Common for all instructors of this course)

Category Percent Weights*

(Common for all instructors of this course)

Unit Assessments (Common for all instructors of this course)	40
Labs	30
Homework	30

Warm-Ups -- Nearly every day we will do a warm up to start the period. They will serve a very specific purpose, be checked weekly and be a part of your homework grade.

Leyden High School D212 Common Grading Scale*: 90 - 100 A; 80-89 B; 70 - 79 C; 60 - 69 D; Below 60- F

Grades in this class will be updated **weekly** (minimum) and are available via the [eSchool Home Access Center](#)

Materials Needed

- Textbook – Holt Physical Science – online or printed copy
- Folder
- Pencil and Pen (blue or black ink)

All Work Policy

1. All work is due the day assigned by the teacher.

2. Work can be turned in late for partial credit. However, the assignment will be marked as an "M" until it is turned in.