



Celina High School Course Outline



Introductory Physical Science (IPS)

INSTRUCTOR: Mr. Scott

website: <http://chemistrybyscott.org>

email: David.Scott@celinaschools.org

CREDIT: ½ unit physical science, 1 trimester length.

DESCRIPTION: This is a laboratory course. About 75% of the class time will be devoted to laboratory work.

PREREQUISITES: Recommendation by 8th Grade science teacher and guidance councilor.

TEXT BOOK: 'Introductory Physical Science', 8th Ed., By Haber-Schaim, Gendel, Kirksey, Pratt; Pub. By Science Curriculum Inc. © 2005.

TOPICS COVERED:

Laboratory Skills of:

Note taking
Data recording
Observation

Peer Collaboration
Data analysis
Problem Solving

While We Examine the Topics:

Volume and Mass
Characteristic Properties
Atoms, Elements & Compounds

Solubility
Chemical & Physical Change
Separation of Substances

EVALUATION:	A.	Lab Reports	20 pts. each, 560-600 pts. total	29% of grade
	B.	Homework.....	Approx. 575 pts. total	28% of grade
	C.	Tests	150 pts. each, 900 pts. total	43% of grade

**Smart is not something you just are;
it's something you get to be.**

Bring to Class EVERY DAY:

- A. Text Book
- B. Chromebook
- C. Calculator (must be scientific with an "EXP" or "EE" key)
- D. Paper & Pencil for some class activities.

DO EVERY ASSIGNMENT ON TIME!

YOUR CLASSROOM CONDUCT:

- Quiet attention and involvement are expected during lectures, demonstrations, and directions.
- Quiet talking is permitted during labs and seat-work.

LAB AREA

- Follow the rules on the Student Safety Contract
- Leave all equipment alone in the room until directed otherwise by the teacher.
- Only go into the lab area when you are told to.
- Carefully follow all directions for labs and classroom work.



**"If you learned from your mistakes, Carl,
you'd be a genius."**

**I DO NOT GIVE LATE SLIPS
YOU MUST WATCH THE CLOCK AND FINISH LABS ON TIME**

Attendance

DON'T BE ABSENT

If you have to be absent, you must:

GO TO THE [IPS WEBPAGE](#) AND CHECK THE SCHEDULE

YOU are responsible for knowing exactly what to expect on the day you return.

Being absent does not excuse you from our scheduled activities!

- ***If we have a quiz scheduled the day you return, you should expect to take it.***
- ***If we have a test scheduled you should expect to take it.***
- ***If we have a lab, you should expect to do it.***
- ***If we have homework due, you should have it done.***

Missed notes:

Don't ask ME for missed notes. They only exist in the "live form." I do not use printed notes during lecture/discussion. If you want missed notes see your classmates or your lab partner.

Missed Labs:

Nearly all of the learning in this class is a result of doing the experiments. Most of what you are expected to learn is not stated outright in the text, and a student who has been absent is at a severe disadvantage. THEREFORE You are strongly encouraged to make up all missed labs. You will generally have about a week to do so. Most labs involve prepared materials that take up space in the lab and have limited shelf life once made. Due to the heavy use of my lab space, I will expect you to take care of this in two or three days after they are missed. The scheduling of this should be done your first day back after your absence. **You see me about this, not the other way around.** No lab can be made up after 2 weeks - no exceptions. YOUR TEST WILL NOT BE POSTPONED DUE TO MISSED LABS.

Tardies

I start class immediately after the bell has sounded.

If you need to talk to me about anything THE BEGINNING OF THE PERIOD IS **NOT** THE TIME.

If you come in late with no pass there will be consequences that you will not like.

I treat each student differently with regard to this specific issue because each student has different reasons for doing what they do.

Homework

1. Schedule and homework assignments are found on:
<http://chemistrybyscott.org/ips/default.html>
2. Nearly all of the regular homework is done using **WebAssign**. Each student has a username and password that will allow access to individual student accounts. This is an internet based homework service (fee is included in the course fee) therefore internet access is required to do the homework for this course.
3. Homework will also be spot-checked during every chapter test.
4. The deadline for each homework assignment will be displayed by WebAssign while you are logged in to your account.
5. During the “BOLD QUESTION REVIEW DAYS” you may ask about any of the numbered book questions and receive help in answering them. BQ Review days are scheduled for each chapter and are normally the day before each test (and therefore the day of the homework due date).

Lab Reports

All lab reports are done via Google Docs. Students will need to be able to access their Celinaschools.org Google account. Every lab has a report form available in Google Docs as a Template. Lab reports are considered “turned in” only when they are saved in a specific share file created by Mr. Scott. Labs are due at the end of the class period in which they are conducted. The post lab portion of the lab report must be completed in class when the post-lab discussion is conducted. Further detailed instructions will be given later.

Tests

Each chapter will end with a formal test (there are 6 regular tests). Tests are taken online during class time using WebAssign and therefore the Chromebook is also needed for this class activity. Missed tests can only be made up during LRL Period and under the supervision of Mr. Scott.