

Lab: Career Project

Students: Please read the following information given below, and then come to class on your lab day with the following already prepared in your notebooks:

- 1) Date, 2) Title, 3) Purpose, 4) Materials, 5) Safety, 6) Procedures, and
- 7) Data Table



In this lab, you will be required to make up your own data table. Carefully read the information below to aid you in composing your data table. There is nothing to print out. This lab requires a written formal report (not lab report) that contains all of the information you collected in a nicely typed, double-spaced paper and a one-page (two sided) handout that quickly and neatly organizes all the information that was collected. Lab will be conducted in the computer room to aid in the start of your research.

INVESTIGATING SCIENCE COURSE CURRICULUMS AT VARIOUS COLLEGES

Now is the time to start thinking about which colleges you would like to apply to next year and possibly which major you are interested in studying. Since this is a science class, you will individually investigate one specific science curriculum (major) at two different colleges. (See page 3 for ideas). Come to class with three major choices written in your lab notebooks. On lab day, one will be chosen and you will then compare the one specific course curriculum at two different colleges or universities.

INFORMATION TO COLLECT FOR TWO DIFFERENT SCHOOLS:

1. Identify the type of college or university (state or private).
2. Identify & describe the location of the college or university (city, state, area).
3. Identify the sequence of courses required for graduation (1st year, 2nd year, etc.). This will be hard and time consuming. It might be necessary to call the school and speak with a dean or someone that can assist with telling you what courses you should take **each** year.
4. Information regarding your specific major.
5. Total credits needed for graduation (undergraduate-bachelor's degree).
6. Calculate the cost for each year and then total cost for schooling needed for degree, both for in state and out of state (include: tuition, room & board, meal plans).
7. Identify special interests (minor in dance, sports, clubs, community events).
8. Identify multicultural events or classes that can be taken.
9. Identify any prestigious achievements of the college.
10. If you were accepted to both schools, which one would you choose and why (what about the school attracted you to select it)?

REPORT:

1. All of the above material must be included in a typed, double-spaced report.
2. Must produce one handout containing all data collected from the 2 colleges in a 1 page (2 sided) neatly-typed outline or graphic organizer (to be distributed to class at a later time).
3. Provide additional information relevant to specific major and colleges.
4. Use creativity and details to produce your handout

DUE DATE: 2 weeks after discussion in lab class

Research links to try:

1. This is a great website to use for career search.

a. www.coin3.com

b. Click-Log on to COIN-go

c. Log on to COIN CAREER COMMUNITY

Enter your:

USERNAME: Student ID number (do not use first zero if your ID has one)

PASSWORD: Student ID number (do not use first zero if your ID has one)

SITE ID: NJ16034

Click-Submit Login

Example:	Username:	1231234
	Password:	1231234
	Site ID:	NJ16034

What can I find in the Community?

Exploration Center: (career assessments, college searches, occupation videos, financial aid)

Planning Center: (establish goals, create a resume, track college and job contacts, print a career portfolio)

Resource Center: (up-and-coming or out-of-the-ordinary jobs)

Activity Center: (take weekly quizzes to prepare for SAT, ACT, and other tests)

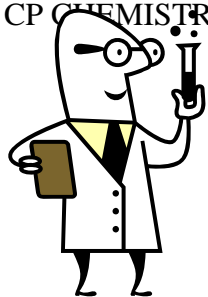
2. <http://www.collegeboard.com/splash/>

3. <http://www.gocollege.com/>

4. <http://www.princetonreview.com/college/default.asp>

5. <http://www.usnews.com/sections/education/index.html>

6. <http://www.jpsoas.com/pittenger/database.htm>



The following is a list of occupations that graduates with chemistry degrees have gone into. Knowing chemistry opens the door to a world of opportunities!!

You may choose 3 of the following: (Only 1 will be researched and submitted)

Agricultural Scientist	Dentist	Pediatrician
Anesthesiologist Assayer	Dermatologist	Perfumer
Anesthesiologist Assayer	Dialysis Technician	Pharmaceutical Sales Rep
Ballistics Expert	Engineer	Pharmacologist
Biochemist	Fire Protection Engineer	Physical Therapist
Brewer Lab Assistant	Flavor Chemist	Physician
Cardiologist	Food and Drug Inspector	Physician's Assistant
Chemical Analyst Chemist	Food Scientist Technician	Psychology
Chemist	Forensic Chemist	Quality Control Specialist
Chemist, Analytical	Genetic Engineer/Counselor	Researcher
Chemist, Clinical	Geologist	Sanitation Inspector
Chemist, Food	Hospital Administrator	Soil Scientist
Chemist, Industrial	Hydrologist	Spectroscopist
Chemist, Inorganic/Organic	Industrial Hygienist	Teacher, Science
Chemist, Pharmaceutical	Lab Assistant	Technical Sales
Chemist, Physical	Lawyer, Patent	Technical Writer
Chemist, Police	Marine Biologist	Technician, Fingerprint
Chemist, Pollution Control	Microbiologist	Technician, Histologic
Chemist, Polymer	Neurologist	Technician, Medical
Chemist, Production	Nursing	Technician, X-ray
Chemist, Quality Control	Obstetrician	Technician, Food
Chemist, Research	Ophthalmologist	Toxicologist
Crime Lab Analyst	Osteopathic Physician	Veterinarian
Criminologist	Patent Examiner	
College Professor	Pathologist	