

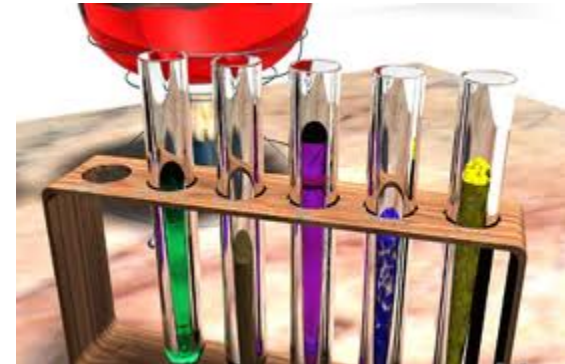
An aerial photograph of a university campus. The image shows several large, multi-story brick buildings with grey roofs. In the center, there is a circular fountain with water spraying upwards. The campus is surrounded by green trees and lawns. The text is overlaid on the image in white.

# Intro. Chemistry Lab and Lecture Policies

Undergraduate Support Services  
303 Bagley Hall  
(Add/Drop Codes, UG Advisers)

# Overview

- Lecture Policies
  - Homework and Quizzes/Worksheets
  - Excused Absences from Exams
- Laboratory Policies
  - Excused Absences and Make-up Labs
  - Proper Attire
  - Prelab and Lab Report Policies



# Lecture: Homework and Quizzes/Worksheets

- Homework assignments are on-line in ALEKS. Late submissions will not be accepted. You are responsible for knowing the due dates of all assignments.
- Quizzes/worksheets are delivered in discussion section. You must attend your scheduled discussion section to receive credit.
- There are no make-up quizzes/worksheets of any kind. One quiz/worksheet score will be dropped before the course grades are determined.

# Lecture: Excused Absences from Exams

- Excused absences include:
  - illness
  - death or serious illness in the immediate family
  - observance of regularly scheduled religious obligations
  - university-sponsored activities
- You must provide documentation of your absence within 72 hours to Dr. Tracy Harvey in Bagley 303D for accommodation.
- Documentation of university-sponsored activities (athletics, conferences, etc.) must be provided to Dr. Harvey *by the second week of the quarter.*

# Lecture: Missed Exams

- If you miss an exam due to an **excused** absence, follow the guidelines regarding documenting your absence.
- Missing an exam due to sleeping in, transportation problems, or other similar issues are **not** considered excused, and you will receive a 0 for the exam.
- If you miss the final due to an excused absence, a grade of “I” will be submitted if you are passing the class heading into the final. You will then take the final for the next offering of the course to receive a grade.
  - If the absence is unexcused, you will receive a grade of 0.0 for the course.

# Laboratory: Missed Labs

- If you miss a lab due to an **excused** absence, go to the Undergraduate Stockroom (BAG 271) and present your documentation of that absence.
- For excused absences, you will be scheduled into another lab session, if possible. If no space is available, then you will need to see Dr. Tracy Harvey (BAG 303D) about a make-up lab.
- If you are **more than 10 minutes late** for lab, or if you miss a lab due to an **unexcused** absence, you will receive a 0 for that lab.

# Laboratory: Missed Labs

- If you anticipate having to miss a lab due to a conflict that will **not** be **excused**:

Examples include: weddings, work conflicts, family reunions, doctor's appointments, etc.

go to the Undergraduate Stockroom (BAG 271) **prior to the day of your scheduled lab.**

- If possible, you will be scheduled into another lab session. *Note that there is a 25% penalty for rescheduling a lab for non-emergency reasons.*
- If there are no other lab sessions available, your absence will be unexcused and you will receive a 0 for that lab.

# Laboratory: Proper Attire

- You must have proper attire in order to attend laboratory sections. This includes:
  - Goggles (not safety glasses)



**YES!**



**NO!**

- A laboratory coat (which you wear over your clothes)



# Laboratory: Proper Attire (cont.)

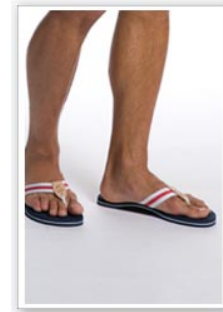
- You must have proper attire in order to attend laboratory sections. This includes:
  - Closed-toe shoes (no sandals, crocks, etc.)



**YES!**



**NO!**



- Pants that cover your legs (no shorts, capri pants, etc.)



**Lockers are available (first-come-first-served)  
on the 2<sup>nd</sup> and 3<sup>rd</sup> floors of Bagley Hall.**

# Laboratory: Pre-Lab

- In order to prepare for each lab experiment, you will need to read the online materials, as well as the procedure provided in the lab manual, and complete the pre-lab exercise online in Catalyst.
- You must submit your answers for the assignment in Catalyst before the posted deadline.
- If you do not earn a score  $> 0$  or do not submit any answers at all, you will have points deducted from your lab grade at the end of the quarter (10 pts in 142, 15 pts in 152).
- Long-story-short: Do the prelab!

# Laboratory: Lab Reports

- Post-lab report instructions are available online (see syllabus).
- Lab reports are typically due either before you leave lab or in your TA's mailbox (on the 3<sup>rd</sup> floor of Bagley Hall) by 5pm on the day of your next scheduled lab session. See the "Post-Lab" webpage for each experiment for specific details.
- Although you will work with a partner in lab, you are responsible for doing the lab report **by yourself!** This is where we have the largest issue with academic misconduct. Please, do original work.

## Courses

This is the repository for class materials. Depending on the class, you'll find handouts, problem sets, homework and exams solutions, and more.

### Labs

- [Chemistry 120 Labs](#)
- [Chemistry 142 Labs](#)
- [Chemistry 152 Labs](#)
- [Chemistry 162 Labs](#)

Note: Most course information is posted in Adobe Acrobat format. You can get a free copy of the most recent [Acrobat Reader](#).

### Chemistry Course Descriptions

[Webassign login page](#)

[Catalyst Tools - Login](#)

In Catalyst Tools click on the "Participant" tab to find gradebooks, discussion boards, etc.

To view pdf files you will need the [Acrobat Viewer](#) available from Adobe.



**Click here to access the course-specific lab information.**

# Example from Chem 142:

The screenshot shows a web browser window with the title "Lab Courses - UW Dept. of C...". The page header includes the University of Washington logo and the Department of Chemistry name. A navigation menu is visible with the following items: Home, Grad Students, Undergrads, Research, Courses (highlighted), Faculty, News & Events, Facilities & Services, and Admin & Safety. The main content area is titled "Lab Courses" and features a sidebar on the left with links to various resources.

## Lab Courses

[Time Schedule](#)

[Choosing Intro Courses](#)

[Choosing Organic Courses](#)

[Duplication Guidelines](#)

[Webassign Login](#)

[Study Center](#)

[Student Lab Calendar](#)

[Student Lab Account](#)

[Add / Drop Class](#)

## Chem 142 Labs

**Which lab schedule have you been assigned?** Schedule assignments will be made during the first or second week of the quarter. Click on the "Student Lab Calendar" link on this page (in the sidebar to the left) and login using your UW NetID. Once logged in, you will see the day, time, and room information for the lab section for which you have registered. You will also see a note indicating whether you have been assigned to "Schedule 1" or "Schedule 2". The details for the two schedules (indicating which weeks you will actually meet for lab) are provided in your course syllabus.

What do you need to do to prepare for lab? What should you do if you miss lab? The answers to these and other important questions can be found here:

[Frequently Asked Questions for Gen Chem Labs](#)

[Exp 1. Chemical Composition of Compounds](#)

[Exp 2. Stoichiometry I](#)

[Exp 3. Stoichiometry II](#)

[Exp 4. Molar Mass of a Low Boiling Liquid](#)

**Important!!** Don't forget to complete the UG Stockroom Contract in Catalyst before the deadline.

# Example from Chem 142:

Composition of Compounds -... +

UNIVERSITY of WASHINGTON Chemistry Directory | UW Directories | Make a Gift | Search

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## Chem 142 Lab 1

[Time Schedule](#)

[Choosing Intro Courses](#)

[Choosing Organic Courses](#)

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### Chemical Composition of Compounds

The two main objectives of this experiment are to identify compounds based on their percent metal composition and to identify the percent of a compound in a mixture.

In both Parts I and II, a known mass of sample will be heated in a porcelain crucible using the flame from a Bunsen burner. The mass of the sample before heating, the mass of the cooled product, and information from the balanced chemical reaction will make it possible to answer the following questions:



Part IA: Based on the % magnesium in the product, does heating solid magnesium in air produce magnesium oxide (MgO) or magnesium nitride (Mg<sub>3</sub>N<sub>2</sub>)?

Part IB: Based on the % copper in the copper oxide product, was the sample Cu<sub>2</sub>CO<sub>3</sub>(OH)<sub>2</sub> or Cu<sub>3</sub>(CO<sub>3</sub>)<sub>2</sub>(OH)<sub>2</sub>?

Part II: Based on the mass of oxygen lost while heating the sample, what is the % KClO<sub>3</sub> in the KCl/KClO<sub>3</sub> mixture?

#### • Prelab

- [Intro](#) (pdf 125 KB, rev 9/23/11)
- [Catalyst Tools - Login](#)
- Review Materials & Procedure
- Review Demonstration

#### • In Lab

- [Materials & Procedure](#) (pdf 131 KB, rev 9/23/11)
- [Demonstration](#)

#### • Post Lab

- [Guidelines and Report Sheet](#)

# Example from Chem 142:

Chem 142 Lab 1 Composition... +

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## Chem 142 Lab 1

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[Choosing Intro Courses](#)

[Choosing Organic Courses](#)

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## Chemical Composition of Compounds

### Post Lab

\*\*\*\*IMPORTANT\*\*\*\*

**A hard copy of the report form must be printed out and brought with you to the lab. The completed report must be turned into your TA before the end of the laboratory session.**

The post-lab report is your opportunity to demonstrate that you understand the following:

1. what you were trying to accomplish with the experiment
2. what data you collected
3. how to process the data to achieve the objective of the lab
4. the course topics addressed in this experiment

With the data and observations recorded in your lab notebook, and based on the pre-lab information provided online, complete the report template available below.

[In-lab Report Sheet](#) (pdf 87 KB, rev 9/24/11)

# **Lab Safety Orientation Week of 10/3**

- 30 minutes with your TA.
- Come dressed appropriately for lab.
- Bring your lab manual and a pen/pencil with you.

## **Example Schedule from 142A:**

**(See your syllabus for your designated day/time.)**

Section		Day	Time	Location	TA	Lab Orientation
AI	QZ	TH	130-220	MEB 103		Tues 10/4
	LB	T	330-620	BAG 236A		3:30 PM
AJ	QZ	TH	1030-1120	EEB 105		Tues 10/4
	LB	T	330-620P	BAG 236B		4:00 PM
AK	QZ	TH	230-320	BAG 261		Mon 10/3
	LB	M	330-620P	BAG 236C		4:30 PM

# Lab Safety: Lab Schedule for 142D

Section		Day	Time	Location	TA	Lab Orientation
DA	QZ	TH	230-320	THO 135	Dylan Gary	Mon 10/3
	LB	M	630-920P	BAG 236A		6:30 PM
DB	QZ	TH	330-420	CDH 110B	Caroline Weller	Mon 10/3
	LB	M	630-920P	BAG 236B		7:00 PM
DC	QZ	TH	130-220	CMU 230	Liz Strein	Mon 10/3
	LB	M	630-920P	BAG 236C		7:30 PM
DD	QZ	TH	130-220	LOW 201	Jeremy Tsang	Tues 10/4
	LB	T	1230-320	BAG 236C		1:30 PM
DE	QZ	TH	430-520	BNS 117	Liz Strein	Tues 10/4
	LB	T	330-620	BAG 236C		4:30 PM
DF	QZ	TH	230-320	LOW 206	Jeremy Tsang	Tues 10/4
	LB	T	630-920P	BAG 236A		6:30 PM
DG	QZ	TH	130-220	THO 135	Caroline Weller	Tues 10/4
	LB	T	630-920P	BAG 236B		7:00 PM
DH	QZ	TH	330-420	CDH 110A	Dylan Gary	Wed 10/5
	LB	W	1230-320	BAG 236C		1:30 PM
DI	QZ	TH	430-520	ARC G070	Noel Fitzgerald	Wed 10/5
	LB	W	630-920P	BAG 236B		7:00 PM

# Chem 142 Lab Schedule Assignments

Lab Courses - UW Dept. of C...

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[Frequently Asked Questions for Gen Chem Labs](#)

[Exp 1. Chemical Composition of Compounds](#)

**CHEM 142 LABS:**

**On or after Tuesday 10/4/11, click here and login with your UW NetID to find out whether you are on Schedule 1 or 2.**