

# GRADING & SCHEDULE

All meetings are held in Chem283 **Tuesdays** or **Thursdays** at 12 noon.

## GRADING

### Safety Training

- 10 pts/Course = 30 pts

### Lab Note Book

- 10 pts/Week = 110 pts

Each week you will record your observations in your lab notebook. This will be a record of all that you did in each laboratory. You will hand in your experimental notes each week at the end of the lab class and they will be graded on the following criteria.

- *Title & Date of experiment*.....2
- *Data Quality* ..... 2
- *General neatness and organization*..... 2
- *Discussion Question Answers*..... 2
- *Attention to detail*..... 2

### Attendance/ Participation

- 5 pts/Week = 55 pts

This part of your grade is based on your individual lab performance. The class requires that you contribute to your experiments and the activities of your group. **Points will also be deducted if you arrive late or leave early.**

# SCHEDULE

	<b>TUESDAY</b>	<b>THURSDAY</b>
<b>Introduction</b>	January 22	January 24
<b>Lab 1</b>	January 29	<del>January 31</del> (No classes)
<b>Lab 1</b>	<del>February 5</del> (Canceled)	February 7
<b>Lab 2</b>	February 12	February 14
<b>Lab 3</b>	February 19	February 21
<b>Lab 4</b>	February 26	February 28
<b>Lab 5</b>	March 5	March 7
<b>Lab 6</b>	March 12	March 14
<b>BREAK</b>	March 19	March 21
<b>Lab 7</b>	March 26	March 28
<b>Lab 8</b>	April 2	April 4
<b>Lab 9</b>	April 9	April 11
<b>Lab 10</b>	April 16	April 18
<b>Lab 11</b>	April 23	April 25

# SAFETY TRAINING

All students must complete online safety training



Register here: <https://about.citiprogram.org/en/homepage/>

- Register under UW-Milwaukee.
- Do **not** register as an "independent learner"

Once you have registered, log in, add and complete three courses:

- Basic Introduction to Biosafety
- Initial Biosafety Training
- NIH Recombinant DNA Guidelines

### Procedure:

- Select Add a Course
- Select Biosafety/Biosecurity then
  - Introduction to Biosafety
  - Basic Biosafety training
  - NIH Recombinant DNA Guidelines

CITI - Learner Registration

Steps: 1 2 3 4 5 6 7

Select Your Organization Affiliation

This option is for persons affiliated with a CITI Program subscriber organization.

To find your organization, enter its name in the box below, then pick from the list of choices provided.

University of Wisconsin -  
 University of Wisconsin - Extension  
 University of Wisconsin - Green Bay  
 University of Wisconsin - Madison (SSO)  
**University of Wisconsin - Milwaukee**  
 University of Wisconsin - Parkside

Use this option if you are paying for your courses. This option is for persons not affiliated with a CITI Program subscriber organization, or who require content that their organization does not provide. Fees apply. Credit card payment with American Express, Discover, MasterCard or Visa is required. Checks are not accepted.

I AGREE to the [Terms of Service](#) and [Privacy Policy](#) for accessing CITI Program materials.

University of Wisconsin - Milwaukee Courses	
Course	Status
Basic Introduction to Biosafety	Passed 09-Jun-2018
Initial Biosafety Training	Passed 09-Jun-2018
NIH Recombinant DNA Guidelines	Passed 09-Jun-2018

My Learner Tools for University of Wisconsin - Milwaukee

- Add a Course
- Remove a Course
- View Previously Completed Coursework
- Update Institution Profile
- View Instructions page
- Remove Affiliation

Print Each **Diploma** and place them in your lab notebooks.

All three diplomas are required to start lab work!



## SAFETY RULES

- *Lab coats are available at UWM bookstore*
- *Report all accidents, injuries, and breakage of glass or equipment to instructor immediately.*
- *Keep pathways clear by placing extra items (books, bags, etc.) on or under the work tables*
- *Long hair (chin-length or longer) must be tied back to avoid catching fire.*
- *Wear sensible clothing including footwear. Loose clothing should be secured so they do not get caught in a flame or chemicals.*
- *Do not taste or smell chemicals.*
- *Wear safety goggles to protect your eyes.*
- *Keep solids out of the sink.*
- *Leave your work station clean and in good order before leaving the laboratory.*
- *Do not lean, hang over or sit on the laboratory tables.*
- *Learn the location of the fire extinguisher, eye wash station, first aid kit and safety shower.*
- *Do not lift any solutions, glassware or other types of apparatus above eye level.*
- *Learn how to transport all materials and equipment safely.*
- *No eating or drinking in the lab at any time!*

## GLOSSARY

mL	milliliter(s)
$\mu$ L	microliter(s)
s	seconds
min	minute(s)
h	hour(s)
SN	supernatant
PLT	pellet
SDS	sodium dodecyl sulfate
M	molar
EtOH	Ethyl alcohol
EDTA	ethylenediamine tetraacetic acid (disodium salt)
vol	volumes
prep	preparation