

CHEM 1105 Lab – Introductory Chemistry Laboratory Fall 2022

Course: Chemistry 1105 Lab – Introductory Chemistry Laboratory
Instructor: Bernice Allen-Stroh, Ph.D.
Office: HS-202
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Text: REMIND
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Office Hours: before lab or by appointment

Required Books and Supplies:

1. Signature Labs Series, Introductory Chemistry, CHEM 1105, Published by Cengage Learning.
2. Scientific Calculator.
3. Visorgogs or safety goggles, must meet ANSI Z87.1-1989 certification.

Course Description:

This is the laboratory course to be taken in conjunction with CHEM 1305. Credit in CHEM 1305 as a laboratory science is contingent upon successful completion of CHEM 1105.

1. Labs will be held at the regular lab time - Mondays at 1:10 PM or Thursdays at 8:10PM.
2. Attendance will be taken using "You-Attend".

Course Outcome:

At the completion of CHEM 1105 the student will be able to:

1. Demonstrate safe and proper handling of laboratory equipment and chemicals.
2. Demonstrate ability to use basic laboratory apparatus.
3. Conduct basic laboratory experiment with proper laboratory techniques.
4. Make accurate experimental observations.
5. Interpret laboratory results and experimental data to reach logical conclusions.

Grades

1. Final Grades will be determined according to the following system:

Total points possible: 100

90-100 = A

80-89 = B

70-79 = C

60-69 = D

0-59 = F

2. There are 10 graded experiments for the lab course. Each experiment counts 100 points toward the final average lab grade. If you will be absent during a lab, you can make up the lab by going another lab session. (Prelab is due in the dropbox at normal lab day. Datasheet and Post-lab are due one week later). **Missing more than 2 labs will constitute a grade of F for the course.**
3. Attendance will be taken for each lab session. No lab write ups (pre-lab, data sheet or post-lab) will be accepted for any experiment not attended, unless the lab was made up during make-up a lab week.

Grading of the Laboratory Experiment

1. The Pre-lab exercise (25 points) must be completed before the lab session. Student must turn in the pre-lab write up before starting the experiment.
2. The Data Sheets and Observations (50 points) and the Post-lab exercises (25 points) will be due one week following the completion of the experiment.

Academic Honesty Policy: Brazosport College assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty including, but not limited to, cheating, plagiarism, and collusion shall be treated appropriately. Please refer to the Brazosport College Student Guide for more information. This is available online at <http://www.brazosport.edu>. Academic dishonesty violates both the policies of this course and the Student Code of Conduct. In this class, any occurrence of academic dishonesty will be referred to the Dean of Student Services for prompt adjudication, and may, at a minimum, result in a grade of F in this course. Sanctions may be imposed beyond your grade in this course by the Dean of Student Services.

Title IX Statement: Brazosport College faculty and staff are committed to supporting students and upholding the College District's non-discrimination policy. Under Title IX and Brazosport College's policy FFDA (Local), discrimination based on sex, gender, sexual orientation, gender identity, and gender expression is prohibited. If you experience an incident of discrimination, we encourage you to report it. While you may talk to a faculty or staff member at BC, please understand that they are "Responsible Employees" and must report what you tell them to college officials. You can also contact the Title IX Coordinators directly by using the contact information below. Additional information is found on the Sexual Misconduct webpage at www.brazosport.edu/sexualmisconduct.

Alex Crouse, Director of Student Life and Title IX Coordinator
979-230-3355; alex.crouse@brazosport.edu

Mareille Rolon, HR Coordinator and Deputy Title IX Coordinator
979-230-3303; mareille.rolon@brazosport.edu

Students with Disabilities:

Brazosport College is committed to providing equal education opportunities to every student. BC offers services for individuals with special needs and capabilities including counseling, tutoring, equipment, and software to assist students with special needs. For student to receive any accommodation, documentation must be completed in the Office of Disability Services. Please contact Phil Robertson, Special Populations Counselor at 979-230-3236 for further information.

BC Covid-19 Guidance for Fall 2022:

We care about the health and safety of our students, faculty, and staff. Brazosport College continues to take certain measures to minimize the spread of COVID-19. As we plan for the start of the Fall 2022 semester, we ask that you be mindful of the following:

- Faculty, staff, and students should perform a daily health check before entering any building on the Brazosport College campus. It is vitally important that you please stay home if you are sick.
- We encourage you to be mindful of your personal interactions to protect yourself and others and help slow the spread of COVID-19.

Pursuant to the new CDC guidance issued on August 11, 2022:

- An individual who is diagnosed with COVID:
 - The individual should stay home and isolate for at least 5 days after symptom onset. If, after 5 days, the individual is fever-free for at least 24 hours, without the use of fever-reducing medications, and with improvement of other symptoms, isolation may end.
 - Regardless of when isolation ends, it is recommended to avoid being around people who are more likely to get very sick from COVID-19 until at least day 11, and wear a high-quality mask around others for 5 additional days after isolation.
- If an individual has close contact (within 6 feet for a cumulative total of 15 minutes) with a person who has tested positive, the individual should wear a mask around others for 10 days and test on day 5, if possible. If symptoms develop, please get tested and stay home.
- For those who are sick and suspect that they have COVID-19 but have not received their test results yet:
 - Regardless of vaccination status, the individual should isolate from others. If the test results are positive, follow the CDC's full isolation recommendations. If the results are negative, the individual can end their isolation.

We will continue to follow guidance from the CDC, state, and local health departments. We are prepared to make changes to operations if necessary, so it's vital that you check your Brazosport College email for updates.

Please continue following the CDC guidelines for preventing the COVID-19 Coronavirus, which include, but are not limited to, thorough hand washing, social distancing, and receiving COVID-19 vaccinations.

All COVID-19 questions or concerns should be directed to Marshall Campbell, Vice President, Human Resources and Chair of the Executive Council.

CHEM 1105.03 (Mondays 1:10-3PM) Lab – Fall 2022 Schedule

Dr. Bernice Allen-Stroh

Office: HS-202, Phone: 979-230-3618, e-mail: bernice.allen-stroh@online.brazosport.edu

WEEK	Date	LAB (M 1:10-3 PM)
1	8/29	Intro, Syllabus, Tech 380 – Safety Practices
2	9/5	Holiday
3	9/12	Exp 486 – Dimensional Analysis
4	9/19	Exp. 382 - Transfer
5	9/26	Exp. 375 - Separation
6	10/3	Exp. 375 - Separation (continued)
7	10/10	Exp. 399 - Chemical Change
8	10/17	Exp. 405 – Identify
9	10/24	Make-up Lab
10	10/31	Exp. 387 - % Water
	11/7	Last Day to withdraw
11	11/7	Exp. 388 - Empirical Formula
12	11/14	Exp. 394 - Molar Concentration
13	11/21	Exp. 304 – Vinegar
14	11/28	Clean-Up
15	12/5	End of semester (all labs are due)

*This schedule is subject to change.

CHEM 1105.51 (Thursdays 8:10-10PM) Lab – Fall 2022 Schedule

Dr. Bernice Allen-Stroh

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WEEK	Date	LAB (R 8:10-10 PM)
1	9/1	Intro., Syllabus.,
2	9/8	Exp 486 – Dimensional Analysis
3	9/15	Tech 380 – Safety Practices
4	9/22	Exp. 382 - Transfer
5	9/29	Exp. 375 - Separation
6	10/6	Exp. 375 - Separation (continued)
7	10/13	Exp. 399 - Chemical Change
8	10/20	Exp. 405 – Identify
9	10/27	Make-up Lab
10	11/03	Exp. 387 - % Water
	11/7	Last Day to withdraw
11	11/10	Exp. 388 - Empirical Formula
12	11/17	Exp. 394 - Molar Concentration
13	11/24	No Lab (Thanksgiving)
14	12/1	Exp. 304 – Vinegar
15	12/8	End of semester (all labs are due)

*This schedule is subject to change.