



North Dakota State College  
of Science

2023-2024 Syllabus

Term: Fall 2023



## Course Information

Course Number: Chem 121 L  
Course Title: General Chemistry II Lab  
Credit Hours: 1

## Instructor Information

Instructor: Brad Amundson  
Phone: 701-356-2050  
Email: [bamundson@west-fargo.k12.nd.us](mailto:bamundson@west-fargo.k12.nd.us)  
Office Location: 223J  
Office Hours: Period 4A, 3B, 4B

## Course Description

CHEM 121L is the laboratory component of CHEM 121. It is designed to provide hands-on experience with the concepts discussed in the lecture portion, and to provide an introduction to standard laboratory practices, such as safety, techniques and documentation of experimental work.

## Textbook and Required Materials

Lab Notebook

## Learning Goals/Outcomes

Upon completion of this course, the student will be able to:

1. Analyze and interpret chemical data
2. Recognize and take appropriate precautions for potential hazards
3. Connect, synthesize, and use information for several credible sources
4. Apply lecture material to laboratory activities
5. Apply problem solving skills to new situations

## Grading and Evaluation

- Course work is graded within 48 hours of completion to provide timely feedback to the student, with the exception of Lab Practicums and Lab Reports. These will take longer to grade.
- All work has the potential to receive full credit if turned in on time.
- Work turned in 1 class day late has the potential to receive half credit.
- After 1 class day work cannot be turned in for credit.

## Grading Scale

Grading System	Percent
A	90%-100%
B	80%-89%
C	70%-79%
D	60%-69%

## Attendance Policy

- To be successful in this class, regular attendance is essential. If a student misses a class for an excused reason (sickness, family emergencies, scheduled appointments, etc.) the student will need to get work completed for as many days as they missed plus one.
- If a student missed for unexcused reasons, the work may NOT be made up for credit.

## Tie to Assessment Outcomes

- This course ties to the NDSCS general education student learning outcomes of Problem Solving/Critical Thinking.

## Course/Instructor Expectations

- For this course students are expected to be:
  - On Time
  - Respectful
  - Able to “do the right thing”
- During all class sessions, students must follow and abide by all school rules.
- Topics this course will cover are listed below:
  - Empirical Formula of an Unknown Substance
  - Precipitation Reaction Lab
  - Beer’s Law
  - Percent Composition of Copper
  - Calorimetry
  - Reaction Rate Lab

## Academic Integrity

Acts of academic dishonesty, including but not limited to cheating, plagiarism, falsifying research data or results or assisting others to do the same will be cause for sanction up to and

including reduction in grade, failure of course or removal from class. Repeat offenses may result in additional sanctions.

For more information, refer to the NDSCS College Catalog under [Academic and College Policies and Procedures](#).

Integrity is an NDSCS core value and there is an expectation that all students, as members of the college community, adhere to the highest levels of academic integrity.

Dishonesty in class, laboratory, shop work or tests is regarded as a serious offense and is subject to disciplinary action by the instructor and dean of the respective division. For more information, refer to the NDSCS Student Planner or College Catalog under College Policies and Basic Regulations of Conduct.

### ADA Statement

Any student who feels they may need an accommodation based on the impact of a disability should contact their instructor privately to discuss specific needs. Please contact the Accessibility Coordinator at [NDSCS.Accessibility@ndscs.edu](mailto:NDSCS.Accessibility@ndscs.edu) or by phone at 701-671-2623 as soon as possible in the semester to discuss possible accommodations.

### Equal Opportunity Statement

North Dakota State College of Science is an equal opportunity employer and equal opportunity educator. NDSCS is fully committed to equal opportunity in employment decisions and educational programs and activities. All practices are in compliance with all applicable federal and state laws, for all individuals without regard to age, color, gender identity/expression, genetic information, marital status, national or ethnic origin, physical and mental ability status, public assistance status, race, religion, sex, sexual orientation, familial or parental status, status as a U.S. veteran/service member, or participation in lawful activity off the employer's premises during nonworking hours which is not in direct conflict with the essential business-related interests of the employer.

For more information, refer to the NDSCS College Catalog under [Non-Discrimination Statement and Equal Opportunity Policy](#).

### Dual Credit Course Withdrawal/Drop

Students who wish to drop a college course must contact the NDSCS Dual Credit Office: 701-671-2406 or [ndscs.dualcredit@ndscs.edu](mailto:ndscs.dualcredit@ndscs.edu). Notifying the high school of a withdrawal/drop does not withdraw the student from the NDSCS college course. Please view the current Refund Schedule at: [Dual Credit Refund Schedule](#). The date the Dual Credit Office is contacted will determine the amount of refund.

## Land Acknowledgement Statement

NDSCS acknowledges that we occupy the sacred ancestral lands of the First Nations cultures of North Dakota. Without them, we would not have access to our gathering, dialogue, and learning spaces.

Developed/Revised (Date): August 2023