

# Mayville State University

## CHEM 121 General Chemistry I

Fall 2025

Credit Hours: 3

### Course and Instructor Information

**Instructor Name:** Jeff Hovde

**Contact Information:**

**Office Ext.:** 701-788-5291

**Office:** SB 144 B

**Email:** [jeffrey.hovde@mayvillestate.edu](mailto:jeffrey.hovde@mayvillestate.edu)

**Hours of Availability:** By appointment

**Instruction Mode:** Face to Face

**Course Dates:** August 25 – December 19, 2025

**Time Zone:** All times indicated throughout this syllabus reflect Central Time (CT).

**Meeting Times and/or Location:** MWF 9:00 a.m. in SB 144

**Final Exam Time and Location:** Wednesday December 17<sup>th</sup> at 8:00 a.m. in SB 144

### Course Materials and Technologies

#### Required

Jill Kirsten Robinson, et al. *Chemistry, Loose-Leaf Edition*. 8th ed., Pearson, 4 Jan. 2019.

Internet connectivity is required. Course materials are available in MSU's current learning management system and web-based homework system, Achieve Learning.

Achieve Essentials Access Course Code: **8nhrrpp**

### Use of Artificial Intelligence in this Course

Artificial Intelligence is an emerging technology that can be used in this course for the purpose of data analysis. Any use of Artificial Intelligence on exams is prohibited.

### Course Description

A foundational chemistry course designed to be the first semester of the two-semester general chemistry sequence. This course covers topics of atomic structure, stoichiometric relationships, chemical reactions, gas laws, thermochemistry, bonding, and molecular geometry.

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Pre-requisite: none

Co-requisites: it is recommended that you take the corresponding lab.

## Course Objectives

The objectives for the course are (as aligned to Composite Science Education Program Approval Standards through North Dakota's [Education Standards and Practices Board](#)):

- 1) Study and acquire basic knowledge of those aspects of chemistry that occur naturally in our universe and on our planet. Those aspects will include:
  - a) Scientific Method
  - b) Atom and molecules
  - c) Bonding
  - d) Chemical Reactivity
- 2) Practice communication and recording skills
- 3) Ability to work independently

**Standards Alignment** (Composite Science Education Program Approval Standards-ND ESPB):

- 13047.1 Composite Science Major/General Science The composite/general science program requires that environmental science be incorporated within other courses or as a separate course. The composite/general science program requires: 1. Coursework in biology, chemistry, physics, and earth science, including: a. Minimum of twenty four semester hours in one area, b. Minimum of twelve semester hours in two other areas, c. Minimum of four semester hours in the fourth area, d. Courses must be from those that the institution allows toward graduation in the science major. 2. Study of mathematics through the pre-calculus level (college algebra and above) and statistics
- 13047.3 Inquiry The program requires study of the processes of science common to all scientific fields.

## Course Expectations

Assignments will be given in class. Submit all assignments in Blackboard or Achieve on designated due dates.

There will be NO make-up quizzes or tests given unless I have been contacted prior to the day of the test with a valid excuse. There are very few valid excuses so do not assume that your excuse is sufficient.

### Instructor/Student Communication

Students are accountable for all academic communications sent to their Mayville State University email address.

Do not email me to inform me of the grade that you need for the course.

I will reply to all student emails within 48 hours. Email is the best way to contact me.

### Assignments and Assessments

All assignments are to be completed by, and only by, the person who is registered for the course.

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## Evaluation and Grading

### Grading Policies

I will grade all work within 1 week.

### Attendance/Participation Policies

Attendance will not be graded.

### Grading Scale

90 – 100%	A
80 – 89.9%	B
70 – 79.9%	C
60 – 69.9%	D

### Breakdown of Grades

Homework: 249 pts  
Tests: 209 pts  
Introduction Forum 10 pts  
Quizzes: 54pts  
Total Points: 512 pts

## Enrollment Verification

### On-Campus Course Statement

The U.S. Department of Education requires instructors to conduct an activity which will validate student enrollment in this course. Class attendance will be used to verify enrollment in on-campus courses. If you do not attend, your enrollment in this course will be at risk.

## Important Student Information

In the Announcements section of the Blackboard Institution Page, you can view and download the Important Student Information document for the current academic year. It includes information about:

- ✓ Land Acknowledgement Statement
- ✓ Academic Grievance Concerns and Instructor English Proficiency
- ✓ NetTutor - Online Tutoring Program
- ✓ Starfish - Student Success System
- ✓ Students with Documented Disabilities
- ✓ Student Learning Outcomes / Essential Learning Outcomes
- ✓ Academic Honesty
- ✓ Emergency Notification
- ✓ Continuity of Academic Instruction for a Pandemic or Emergency

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- ✓ Family Educational Rights and Privacy Act of 1974 (FERPA)
- ✓ Diversity Statement (Title IX)

## Course Timeline/Schedule

The following is a schedule of due dates.

HW #1	Unknown	On Achieve 11:59p.m. cst
HW #2	Unknown	On Achieve 11:59p.m. cst
HW #3	Unknown	On Achieve 11:59p.m. cst
HW #4	Unknown	On Achieve 11:59p.m. cst
Quiz #1	Unknown	On Blackboard 11:59p.m. cst
Exam 1	Unknown	On Blackboard 11:59p.m. cst
HW #5	Unknown	On Achieve 11:59p.m. cst
Quiz #1	Unknown	On Blackboard 11:59p.m. cst
HW #6	Unknown	On Achieve 11:59p.m. cst
Quiz #2	Unknown	On Blackboard 11:59p.m. cst
HW #7	Unknown	On Achieve 11:59p.m. cst
Exam 2	Unknown	On Blackboard 11:59p.m. cst
HW #8	Unknown	On Achieve 11:59p.m. cst
Quiz #3	Unknown	On Blackboard 11:59p.m. cst
HW #9	Unknown	On Achieve 11:59p.m. cst
Quiz #4	Unknown	On Blackboard 11:59p.m. cst
HW #10	Unknown	On Achieve 11:59p.m. cst
Exam 3	Unknown	On Blackboard 11:59p.m. cst
HW #11	Unknown	On Achieve 11:59p.m. cst
Quiz #5	Unknown	On Blackboard 11:59p.m. cst
HW #12	Unknown	On Achieve 11:59p.m. cst
Exam 4	Unknown	On Blackboard 11:59p.m. cst

*The above schedule and procedures in this course are subject to change with prior notice given to students in the event of extenuating circumstances.*

## Essential Studies

As part of Mayville State University's Essential Studies curriculum, this course seeks to prepare students for twenty-first century challenges by gaining: 1) Knowledge of human cultures; 2) Intellectual and practical skills; 3) Personal and social responsibility; 4) Integrative and applied learning.