

Dakota College at Bottineau Course Syllabus

Course Prefix/Number/Title: CHEM 122H - General Chemistry Honors

Number of Credits: 1 semester credit

Course Description:

This course is an in-depth study of applications of Chemistry with real world. Students will be required to conduct individual or group research on an application of the Chemistry learned in General Chemistry.

Pre-/Co-requisites: CHEM 122 – General Chemistry II

Course Objectives:

Upon completion of this course, students will:

- 1) Gain a better understanding of chemistry and its applications,
- 2) Understand the process of conducting scientific research,
- 3) Construct a scientific research report, and
- 4) Work resourcefully in individual and group environments.

Instructor: Angela Bartholomay

Office: NSC 111

Office Hours: By appointment

Phone: 701-228-5471

Email: angela.bartholomay@dakotacollege.edu

Lecture Schedule: By arrangement

Lab Schedule: TBD

Textbook: None required

Lab Manual: None required

General Education Competency

Goal # 1: Identifies the interrelationships between humans and their environment.

LO # 3: Applies scientific information in everyday life

Course Requirements:

Students will be required to select a current topic relative to the study of chemistry with a real world application and conduct research on that topic. Student will be required to complete a research paper and give a presentation during the honors symposium at the end of the semester. Requirement of the research paper will be provided during the first meeting. Although subject to slight modification based on the discretion of the instructor, this course will consist of approximately 200 points (a draft report worth 50 points, a final report worth 100 points, and a presentation worth 50 points). Final grades are issued on a “Satisfactory/Unsatisfactory (S/U) grading scheme. Students must earn 70% of the total points to receive a satisfactory “S” grade.

Tentative Course Outline:

All meetings will be by arrangement at times/dates convenient to both instructors and students.

Relationship to Campus Theme:

This course addresses the campus theme by incorporating the latest diagnostic procedures, treatments, and other technologies that are used to identify and treat human diseases/disorders.

Classroom Policies

- 1) Cell phones, iPods, and related technology are prohibited in the classroom at all times. It is recommended that you do not bring your cell phone into the classroom or, at the very least, turn it off.
- 2) Food and beverages are permitted in accordance with classroom policy.
- 3) Be respectful of other students, instructors, and guests.

Student Email Policy:

Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

Academic Integrity:

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

Disabilities or Special Needs:

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services within the first two weeks of the semester to line up accommodations.

Title IX:

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX Webpage.