

## Chemistry 297 Lab Assistant Syllabus

Course Prefix/Number/Title: Chem 297

Number of credits: 1 semester hour

Course Description: This course provides experience in undergraduate chemistry laboratory, including maintenance, laboratory preparation, grading, and assistant of students in laboratory experience under the direct supervision of faculty mentor. May be repeated for credit if content differs.

Program Learning Outcomes:

The student will articulate scientific information through oral communication.

General Education Core Curriculum Objectives: There are no specific general education core curriculum objectives in this course. This course is not a general education core curriculum course.

Course Objective: The student should demonstrate the teacher's role in a laboratory setting.

Student Learning Outcomes: Upon completion of this course, students will be able to:

- 1) work independently, responsibly, and efficiently to solve problems in an laboratory setting.
- 2) demonstrate clear oral and written communication skills.
- 3) perform routine laboratory procedures safely and efficiently.
- 4) explain fundamental principles of chemistry to freshman students.
- 5) demonstrate safety practices regarding laboratory and chemical storage.

Instructor: Angie Bartholomay

Office: NSC 111

Office Hours: MWF 10:00-11:00am M& F 2:00-3:00 pm

Phone Number: 228-5471

Email: [angela.bartholomay@dakotacollege.edu](mailto:angela.bartholomay@dakotacollege.edu)

Lab Schedule: TBA

Laboratory: The laboratory portion of the course provides an opportunity to integrate lecture concepts with observable activities and is critical to understanding chemical concepts. Safety goggles are available for purchase in the bookstore.

General Education Goals & Objectives This course meets General Education Goal 1: Explains the interrelationships between chemistry and their environment and the role of science in their lives. Specific objectives include;

- 1.- Demonstrates the application of the scientific method of inquiry (Objective #1)
- 2.- Demonstrates an awareness of the role of science in everyday life (Objective #3)

Relationship to Campus Theme: This course addresses the campus them by incorporating role chemistry plays in our everyday life and the impact it has on our natural world. In addition students will use technology to conduct labs as well as study how technology can be used in chemistry. The course will address the role of chemistry in their everyday life as well as in the future.

Classroom Policies:

- 1) The use of Cell phones and electronic devices using headphones are prohibited in the classroom at all times. Cell phones need to be on silent and placed on the table in front of you.
- 2) Be respectful of other students, technicians, instructors and guests
- 3) Early Warning Attendance policy will be followed!

#### 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.